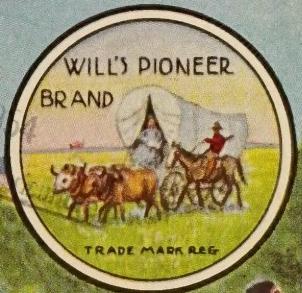


Index *
62.65
1883-71st Annual Catalog - 1954

OSCAR H. WILL & CO.

BISMARCK, NORTH DAKOTA



SPRING WORK IN A MANDAN INDIAN CORNFIELD



WILL'S PIONEER HYBRID A

PIONEER • SEEDHOUSE •
NURSERY & GREENHOUSES
OF THE NORTHWEST •

Seed Corn Specialists

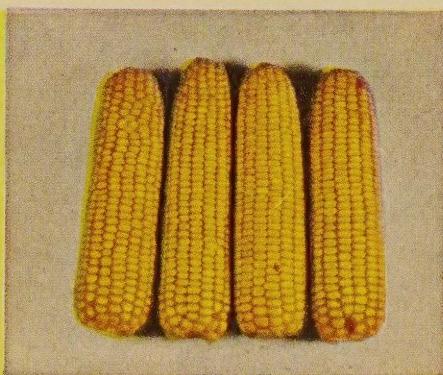
Will's Hardy Pioneer Hybrids

Hardy—Heavy Yielding—Early

We were the first to breed hardy hybrids for the northern plains. Our hybrids are grown especially for the rugged climatic conditions of the cold northwest.



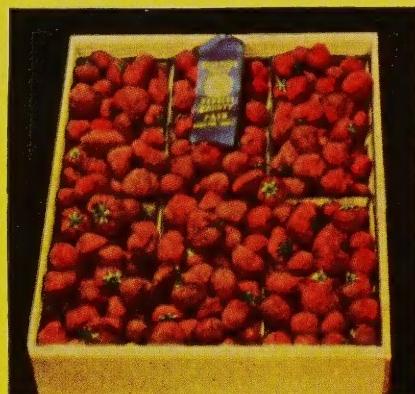
WILL'S HARDY PIONEER HYBRID K. A yellow semi-dent heavy yielding early hybrid for the northwest. \$10.00 per bushel F.O.B. Bismarck.



NODAK HYBRID 301. The hybrid standard dent for North Dakota and the northern plains. \$10.00 per bushel, F.O.B. Bismarck.



WILL'S EARLIEST PIONEER HYBRID SWEET CORN. The earliest hybrid, a Golden Gem type of good quality. Postpaid packet, 10c.



MONTANA PROGRESSIVE STRAWBERRY. A hardy, everbearing variety developed in Montana. Postpaid 25 for \$1.75.



DR. YEAGER'S DURHAM RASPBERRY. A fall bearing raspberry, large and heavy producing. Postpaid each 50c, dozen \$5.00.



Mr. Hardy Pioneer Hybrid on hybrid seed corn tags is your guarantee of early heavy yielding hybrids for northern conditions.

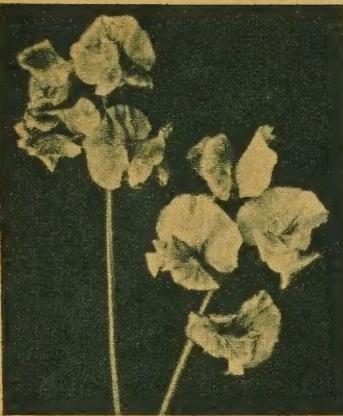


DOUBLERICH TOMATO. The latest tomato development from Dr. Yeager of the U. of New Hampshire. Early, medium sized with twice the normal vitamin C content of most tomatoes and many oranges. Firm and fine flavored. Packet 25c.



WILL'S PIONEER GLADIOLUS MIXTURE. A mechanical mixture of No. 1 bulbs 12 for 85c postpaid. See page 55.

**OUTSTANDING HARDY, EARLY
AND HIGH QUALITY SPECIALTIES
FOR THE NORTHERN PLAINS**



Butterfly Sweet Pea

BUTTERFLY HYBRID SWEET PEA. Maroon, carmine red, lavender and apricot color striped and variegated on a cream base. Pkt., 20c; oz., 80c.



Golden Gem

GOLDEN GEM. Very earliest of all larger kerneled sweet corn. Developed by Dr. Yeager while in North Dakota. Wonderfully sweet and produces roasting ears in 50 to 60 days. Pkt., 10c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 29c; lb., 46c, postpaid.

OMAHA PUMPKIN. A very early and prolific pumpkin. Small enough for family size. Good quality, very drought resistant and hardy. Obtained from the Omaha Indians of Nebraska. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

EDIBLE SOY BEANS. A delicious vegetable when used green and equally tasty when baked. Ours are extra early and suited to Great Plains conditions. Pkt., 10c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 27c; lb., 43c, postpaid.



Sioux Strawberries

DAKOTA SQUAW CORN. Very early, very hardy, heavy yielding. Many bushels are used for ornamental purposes. Red, blue, yellow and white colors make the ears strikingly beautiful. Postpaid, one pound, 70c.



Edible Soy Beans

SIOUX STRAWBERRIES. A cross between tame and wild strawberries with all the wonderful flavor of the wild and all the hardiness. Requires no winter cover. June bearing. Dozen, \$1.35, postpaid.



Dakota Squaw Corn

CARNIVAL ORNAMENTAL POPCORN. A new popcorn from Professor Yeager. A wonderful popping variety and a beautiful decorative item in the ear. Pkt., 15c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.



LILY SPECIAL.

Three Lily bulbs of the hardest varieties — Dauricum, Native Wild Lily and Coral Lily. One each of all three bulbs, \$1.50, postpaid.



Coral Lily



If you cannot buy these locally, write us

**HULLED
MILLET**

A New
Breakfast Food

Highly Nutritious
Easily Digestible

A delicious cereal.
Trial 1 lb. package, 50c,
postpaid. Regular 5 lb.,
\$2.00, postpaid.

OSCAR H. WILL & CO., BISMARCK, NORTH DAKOTA

PREMIUMS

With every order for vegetable and flower seeds of \$30.00 or more, for seed grain or nursery stock of \$60.00 or more we shall be glad to furnish on request two pairs of serviceable brown cloth gloves.

In place of the gloves, for those preferring it, we can send any one of the following items:

THERMOMETER. Outdoor thermometer, good for coldest weather.

CORN HAND BOOK. All phases of corn growing described.

Or—**A YOUNG BOTANIST SEED TESTER.** A practical home seed tester.

GENERAL INFORMATION

BE SURE TO ORDER EARLY AND AVOID DELAYS & DISAPPOINTMENTS

All prices quoted are subject to change without notice. Any tax which may be imposed after the printing of this catalog upon items listed must be added by the customer to the quoted price.

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted for small amounts.

C.O.D. We fill C.O.D. orders only when 25% of the amount is sent. We do not accept any C.O.D. orders for perishable goods.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Postpaid prices are quoted on small amounts. Parcel post costs may be obtained from any postoffice. If goods are to be sent by mail, be sure to include amount of postage. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotation F. O. B. here means that we deliver the goods to the express, truck or railway company. The purchaser pays all transportation charges on receipt of goods. All prices are F.O.B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

"Oscar H. Will & Company warrants to the extent of the purchase price that seeds, trees, plants and bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further Warranty, expressed or implied."

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

Parcel Post Rates—weight limit 70 lbs.

Alaska is 8th zone—all Alaska parcels limited to 18 inches in length.

Zone	Approximate Distance	First Pound	Each Added Pound
1 & 2	150 miles	.23	.04
3	150-300	.23	.05
4	300-600	.24	.07
5	600-1000	.26	.09
6	1000-1400	.28	.12
7	1400-1800	.30	.15
8	1800 and over	.32	.19

Get our Special Collection bargain for the home gardener. \$2.90 worth of suitable, high quality Garden Seed for \$1.80. For list of seeds see outside back cover.

North Dakota residents must pay 2% sales tax except on seed and vegetable plants.



THIS is our 71st annual Catalog and we are starting the 72nd year of our business. In all those years we have encountered some very difficult times and been through some soul trying periods. However, we have along with this Northern Plains Country always managed to come through. On each such occasion new lessons in agriculture and horticulture, both for the region and for our business, have emerged. Apparently we are facing another difficult period but common sense and intelligence should see us through and we shall doubtless learn some new lessons again.

Through all the 72 years we have been breeding, selecting and developing better and more suitable plants and grains for Northern Plains conditions. We feel, therefore, that we are outstandingly fitted to serve residents in the Northern Plains territory. We have many customers throughout the Dakotas, Montana and Wyoming, as well as farther away who have been using our products for many years successfully. Realization of that fact has been a sustaining encouragement through all the tough periods. We hope to keep on serving our old customers and their children for many years to come.

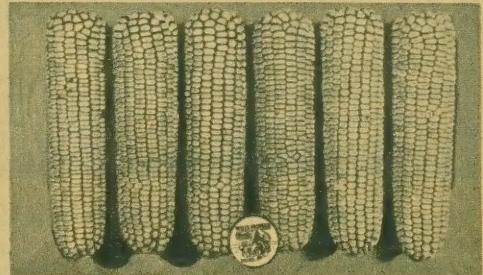
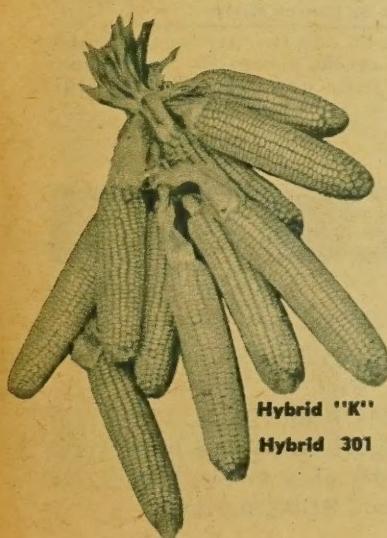
Changes are coming throughout the region. Irrigation may soon be greatly extended. Soil Conservation practices will also be extended and new methods and new crops are on their way. We hope to continue to serve our patrons in the future just as we served the gentleman in the picture at the head of this page 70 years ago.

If you are fed up on the kind of Hybrid Corn you have been getting, better try Will's Northern Great Plains bred and grown Hybrids for real Hybrid results. Try our Hybrid "K," Hybrid "A" or Nodak No. 301. See page 47.

NODAK HYBRID 301. A beautiful yellow dent variety developed at the N. D. Experiment Station by Wm. Wiidakas, the Corn breeder. 83 days, a heavy yielder, perhaps the leading yellow dent in North Dakota.

PIONEER HYBRID "K". This is an 80 day hybrid of our own breeding. It combines the qualities of Falconer and Nodak Hybrid 301. A heavy yielder, early, easily picked, drouth and heat resistant. A fine uniform yellow dent. Has done especially well in Montana trials.

Prices for both, F.O.B. Bismarck, 7 lbs. (enough for 1 acre), \$2.00; $\frac{1}{2}$ bu., \$5.50; bu., \$10.00, for large and medium flat. Large and medium rounds, small flats; 7 lbs., \$1.40; $\frac{1}{2}$ bu., \$4.50; bu., \$8.00.



Will's Flower Seed

All Flower Seed Postpaid

Something Extra of Our
Own Selection Will Be
Included with Every Order
For Garden or Flower Seed
Over 25 cents

WILL'S GLORIOUS FLOWER COLLECTION

A \$1.75 VALUE FOR ONLY \$1.00

For details see inside back cover.

KEY TO (A) Annuals. (P) Perennials. (C) Climbers.
SYMBOLS (B) Biennials. (T) Tender. * For cutting.

AGERATUM—Blue Perfection (A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 15c; $\frac{1}{8}$ oz., 30c.

ALYSSUM

(A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

ROYAL CARPET. See inside back cover for colored picture. 1953 Top Winner All America Selections. Vibrant purple, flowering when only a few weeks old to the end of the season. Plants are only a few inches high, but 10 inches across. Pkt., 20c; $\frac{1}{8}$ oz., 75c.

LITTLE GEM. Honey scented white blooms. Pkt., 10c $\frac{1}{4}$ oz., 30c; oz. 90c.

VIOLET QUEEN. Deep lavender lilac blossoms. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

ANTIRRHINUM—SNAPDRAGON

University of California De Luxe Mixture Major. (A*). Rust resistant. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 15c; $\frac{1}{8}$ oz., 50c.

TETRAPLOID SUPERFINE MIXTURE. The most satisfactory outdoor Snapdragon. The plants are tall, husky and erect with huge ruffled florets and long spikes, with full range of color and bicolor. Pkt., 20c; 2 pkts., 35c; 1/16 oz., 70c.

ASTERS

The old favorite China Aster brought up to date. (A*).



Improved Crego Aster

IMPROVED CREGO—WILT RESISTANT. A beautiful mid-season sort, growing 2 feet tall, with large blooms borne on long stems. CRIMSON, WHITE, AZURE BLUE and MIXED. Pkt., 10c; $\frac{1}{4}$ oz., 60c. One packet each of the three straight colors, 25c.

IMBRICATED POMPON—FINEST MIXED. Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 20c; $\frac{1}{4}$ oz., \$1.25.



Antirrhinum—Snapdragon

$\frac{1}{8}$ Ounce may be had at $\frac{1}{4}$ Ounce Rate

Customers living in North Dakota must add two per cent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, feeds, fertilizers, tools and supplies. This tax does not apply to seeds, onion plants or vegetable plants.

Germaco

TWIST-EMS

help you support plants
quickly, neatly,
permanently! **35¢**



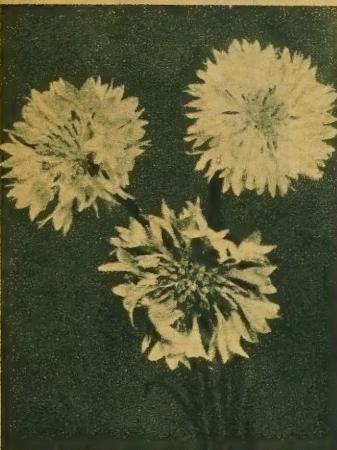
Box of 200—Twistems (4 inches long), 30c, postpaid.

Box of 100—Twistems (8 inches long), 30c, postpaid.

TRAIN-ETTS



TRAIN-ETTS. Weatherized Trellis Netting. Fine for Sweet Peas, Pole Beans, Peas, Vines, Tomatoes, etc. Does not rot; lasts for several seasons. Easily hung. 5 x 6 feet, 65c; 5 x 8 feet, 85c; 5 x 15 feet, \$1.35, postpaid.



Bachelor's Button

Bachelor's Button (A*)

CORN FLOWER—CENTAUREA CYANUS. Easy to grow and blooms continuously. One of the most attractive hardy annuals.

DOUBLE BLUE, RED BOY and SNOW MAN. Each, Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., 80c. Three packets, one of each color, 25c.

DOUBLE MIXED. Pkt., 10c; $\frac{1}{4}$ oz., 30c.



Double Camellia-Flowered Balsam



Calendula—Sunshine

BALSAM. Double Camellia Flowered Mixed. (A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 15c; $\frac{1}{4}$ oz., 40c.

Rose or Gardenia Flowered. Also known as Bush Balsam. An attractive dwarf plant—fine in borders. The Roselike blooms cluster at the tops of the stems. Pkt., 15c; $\frac{1}{4}$ oz., 55c.

BEANS—SCARLET RUNNER. (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Good for snap or green shell Beans and an ideal fence cover. Pkt., 10c; $\frac{1}{4}$ lb., 28c; $\frac{1}{2}$ lb., 47c; 1 lb., 80c.



Giant Flowering Candytuft

CALLIOPSIS—MIXED. (A*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed. (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 20c; $\frac{1}{4}$ oz., 80c.

CALENDULA

POT or SCOTCH MARIGOLD. (A*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

Orange King. A deep orange and very double. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Sunshine or Chrysanthemum. A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

CANDYTUFT (A*)

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

GIANT WHITE HYACINTH FLOWERED. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

GIANT FLOWERING MIXED. Pkt., 10c; $\frac{1}{2}$ oz., 30c.



Carnation—Marguerite

CARNATION

(P*). These spicy fragrant flowers should be started indoors and while perennials are best sown each year. Plants may be cut back in fall and potted for winter blooming.

MARGUERITE MIXED. Very double abundant blooms with good stems. Pkt., 15c; $\frac{1}{4}$ oz., 90c.

CHABAUD MIXED. Upright, robust plants, with extra large flowers. Pkt., 20c; $\frac{1}{8}$ oz., 70c; $\frac{1}{4}$ oz., \$1.20.

COBOEA SCANDENS—CATHERDAL BELLS (A-C). A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 15c; $\frac{1}{4}$ oz., 80c.

CELOSIA—COCKSCOMB

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

DWARF CRESTED MIXED (Cristata). Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 15c; $\frac{1}{4}$ oz., 60c.

OSTRICH PLUMED or FEATHERED MIXED (Plumosa). 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 15c; $\frac{1}{4}$ oz., 55c.

CHINESE WOOLFLOWER MIXED (Chilidii). Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 15c; $\frac{1}{4}$ oz., 60c.

CENTAUREA IMPERIALIS. GIANT SWEET SULTAN (A*). The large, sweet scented, thistle-like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

CHRYSANTHEMUM — ANNUAL (A*). The large, double flowers bloom in late summer. Pkt. 10c.

If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.

DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

CHINESE PINK MIXTURE (A*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

GRASS or CLOVE PINK MIXTURE (P*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicy fragrant and deeply fringed flower favorite. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

CLARKIA—DOUBLE MIXED (A*). Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE (P). A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 15c; $\frac{1}{4}$ oz., 70c.

For Columbine Roots, See Page 68.

COREOPSIS—DOUBLE FLOWERING (P*). Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 10c.

COSMOS

(A*). Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and single borders.

FIESTA. 1952 All America Winner. A bright gold, striped with scarlet, early, heat loving and easy to grow—a riot of bloom all summer. Pkt., 15c; $\frac{1}{4}$ oz., 45c.

RADIANCE. The 1948 All America Silver Medal Winner. Deep rose and rich crimson, the first bicolor Cosmos. Pkt., 20c; $\frac{1}{4}$ oz., 45c.

SENSATION MIXED. Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

PURITY. Pure white. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

ORANGE FLARE. Brilliant orange flowers—free blooming. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

EARLY MAMMOTH FLOWERING SINGLE MIXED.

Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 60c.

EARLY FLOWERING DOUBLE CRESTED MIXED. Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

WILD CUCUMBER. Rapid annual climber. Pkt., 10c; oz., 35c.

DAHLIA UNWIN'S DWARF HYBRIDS (TP*). Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c; $\frac{1}{4}$ oz., 85c.

DIGITALIS—FOXGLOVE (P). Easily grown semi-hardy, stately perennial reaching height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 15c; $\frac{1}{4}$ oz., 60c.

DAISIES

SHASTA DAISY—Alaska (P*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

ANNUAL PAINTED DAISY—Tricolor Finest Mixed (A*). Easily grown with wide range of colors and zoning, outstanding as a cut flower. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

For Shasta and Perennial Painted Daisy Roots, See Page 68.

AFRICAN DAISY—Dimorphotheca Aurantiaca Hybrids (A*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; $\frac{1}{4}$ oz., 55c.

DIDISCUS—Blue Lace Flower (A). Clusters of lavender blue flowers produced from July to frost. Pkt., 10c.



Dianthus—Chinese Pink.



Early Single Cosmos.



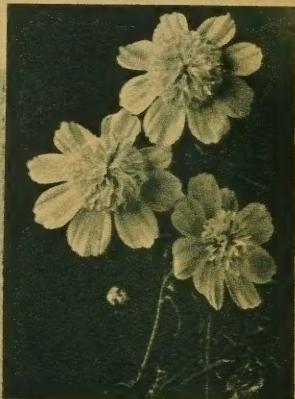
Sensation Cosmos.



Unwin's Dahlia.



Clarkia—Double Mixed.



Double Crested Cosmos.



African Daisy.

FOUR O'CLOCK

MARVEL OF PERU (A). An old fashioned, bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

GAILLARDIA—Blanket Flower (P*). This hardy perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red mixed. Pkt., 10c; $\frac{1}{4}$ oz., 30c. **Burgundy**. Wine red. Blooms the same season if sown early. Pkt., 15c; $\frac{1}{4}$ oz., 60c.

GERANIUM (TP). Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 20c.

FORGET-ME-NOT (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 15c.

GOURDS (AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments. Directions for keeping Gourds on request.



Helichrysum or Straw Flower

prized for winter bouquets. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

HELIOTROPE—Mixed (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 15c; $\frac{1}{8}$ oz., 65c.

HOLLYHOCK Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

PIONEER—Double Mixed (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 15c; $\frac{1}{4}$ oz., 70c.



Annual Larkspur

BISMARCK—Single Mixture (P). The single sorts are slightly harder and more vigorous than the doubles. Our mixture is equal to any. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

ANNUAL—INDIAN SPRING. (1939 All American Silver Medal Winner.) If planted early in spring will bloom the same year. The blooms are large, fringed and semi-double, in pink and rose shades. Pkt., 15c; $\frac{1}{4}$ oz., 45c.

For Hollyhock Roots See Page 68.

ICE PLANT—Mesembryanthemum Crystallinum (A). A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 15c.

ANNUAL LARKSPUR

The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers.

GIANT IMPERIAL MIXED. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

ROSE KING. Pkt. 10c; $\frac{1}{4}$ oz., 40c.

REGAL MIXED. A new strain, vigorous and early, with very long spikes of huge, well spaced florets. The top florist's Larkspur and perfect for home use. Pkt., 20c; $\frac{1}{4}$ oz., 65c.

DELPHINIUM-PERENNIAL LARKSPUR

PACIFIC GIANTS. A remarkable strain with immense spikes and extremely large and well formed flowers, mostly double. Pkt., 30c; 2 pkts., 55c; $\frac{1}{8}$ oz., \$1.25.

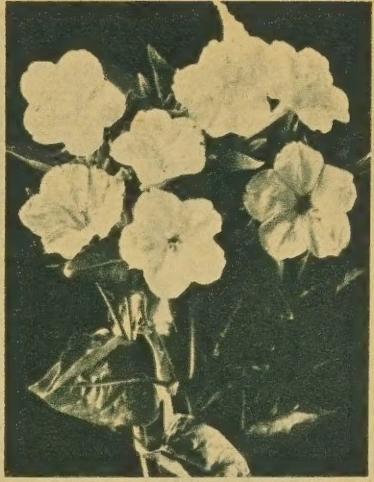
GOLD MEDAL MIXTURE. A fine mixture running in color from the lightest shade of lavender to indigo blue. Pkt., 15c; $\frac{1}{4}$ oz., 70c.

NEW ZEALAND DWARF. A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 15c.

For Perennial Larkspur Roots, See Page 67.

LINUM-FLAX

SCARLET FLAX—GRANDIFLORUM RUBRUM (A). Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 10c; $\frac{1}{4}$ oz., 30c.



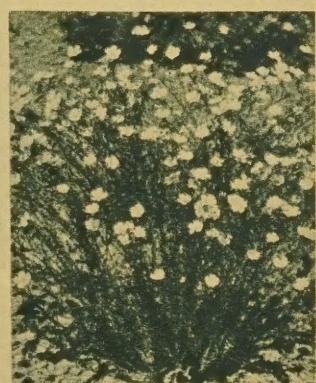
Four O'Clock



Bismarck
Single Hollyhock



Delphinium



Scarlet Flax

LAVATERA

ROSEA SPLENDENS—SWISS ROSE—LOVELINESS (A*). An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

LOBELIA—CRYSTAL PALACE COMPACTA (A). The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 15c; $\frac{1}{8}$ oz., 70c.



Guinea Gold



Heavenly Blue Morning Glory

climber. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 50c.

PEARLY GATES. (All American Silver Medal 1941.) Large flowered, free blooming, pure white. Plant this with Crimson Rambler and Heavenly Blue for Red, White and Blue effect. Pkt., 15c; $\frac{1}{4}$ oz., 25c; oz., 75c.

IMPERIAL MIXED—*Ipomea Imperialis*. The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.25.

FINEST MIXED—*Convolvulus Major*. A good mixture of the old fashioned yet ever popular climber. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.15.

NASTURTIUMS (A*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

GOLDEN GLEAM—DOUBLE SWEET SCENTED.

This most satisfactory double Nasturtium continues to gain in popularity. The fragrant golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c.

DWARF DOUBLE GEM MIXED.

The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

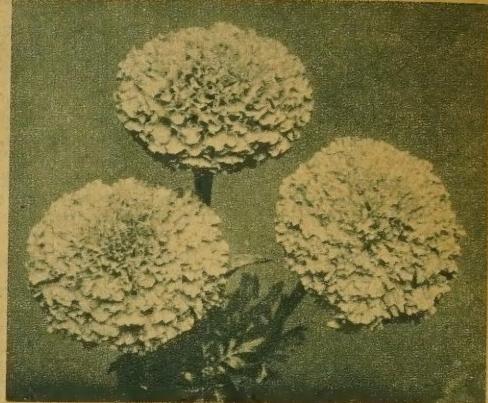
WILL'S PIONEER BRAND DWARF SINGLE MIXED.

The best obtainable mixture of desirable colors. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c.

WILL'S SUPERB TALL SINGLE MIXED. Plants from our mixture will grow 5 to 6 feet high with showy blooms of the most brilliant shades. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c.



Double Golden Gleam Nasturtiums



Gigantea Sunset Hybrids



Crimson Rambler Morning Glory



Pioneer Dwarf Single Mixed



Mignonette Machet

MIGNONETTE MACHET MIXED (A*). A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
NICOTIANA—AFFINIS HYBRIDS (A) Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c; $\frac{1}{4}$ oz., 35c.
NIGELLA—LOVE-IN-A-MIST-MISS JEKYLL (A*). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

WILL'S PANSIES

WILL'S ROYAL SHOW

(P*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 35c; 2 pkts., 55c; $\frac{1}{4}$ oz., \$2.50.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 15c; $\frac{1}{4}$ oz., 30c.

For Pansy Plants, See Page 56

RICINUS—CASTOR BEAN (TA). Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.



Will's Royal Show Pansies

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

FIRE CHIEF. All America Sweepstakes Winner for 1950. The reddest Petunia we've seen, of dwarf and trim habit. Pkt., 20c.

RUFFLED MONSTER MIXTURE. Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. Pkt., 30c.

BALCONY TYPE MIXED. Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. Pkt., 20c.



All Double Petunia

ROSY MORN. A dwarf single Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

SPECIAL SINGLE MIXTURE.

HYBRIDA GRANDIFLORA. Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. Pkt., 10c; $\frac{1}{4}$ oz., 40c; $\frac{1}{4}$ oz., 75c.

ALL DOUBLE GIANT FRINGED DWARF VICTORIOUS PETUNIA. The best All Double Petunia seed obtainable, and the most dwarf type. Pkt., 100 seeds, 55c.

ALL DOUBLE COLOSSAL SHADES OF ROSE PETUNIA. This All America Silver Medal winner is a vigorous grower, free blooming; with large, fringed to ruffled flowers in an attractive range of rose shades. The blooms are not as large as those of the Victorious. Pkt., 100 seeds, 45c.

For Petunia Plants See Page 56.



Special Single Petunia



Phlox Drummondii

PHLOX. DRUMMONDI GRANDIFLORA

MIXED (A*). Easily grown, brilliant and fresh in color. Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 15c; $\frac{1}{4}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25.

PHLOX. GIANT FLOW-ERED-GIGANTEA

ART SHADES (A*). The individual flowers are from $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter in lovely, soft, pastel shades. Pkt., 20c; $\frac{1}{4}$ oz., 95c; $\frac{1}{4}$ oz., \$1.00.

POPPIES (A)



Double Shirley Poppy

Brilliant flowers produced freely in a riot of color.

CALIFORNIA or ESCHOLTZIA - SPREADING MIXED. These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

AMERICAN LEGION. An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DOUBLE SHIRLEY MIXED. Large, graceful silky flowers. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

TULIP POPPY-BUSH ESCHOLTZIA-HUNNEMANNIA—Sunlite. (A*) Gorgeous, semi-double, canary yellow blooms. The foliage is light gray green. Pkt., 15c; $\frac{1}{4}$ oz., 45c.

CUT FLOWER MIXTURE.
Well balanced mixture of hardy annuals. Pkt. 10c;
 $\frac{1}{4}$ oz., 25c.



California Poppy—Escholtzia



Double Portulaca



Single Portulaca

BLUE MAW. This seed is used for cooking only and has been so treated that it will not germinate. $\frac{1}{4}$ lb., 20c; 1 lb., 70c, postpaid.

ORIENTAL MIXED (P). Unrivalled for gorgeous effectiveness in perennial borders, the flowers are immense, frequently six inches across. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

ICELAND MIXED (P*). The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 15c; $\frac{1}{8}$ oz., 65c.

PORTULACA—Rose Moss (A)

Hardy, Sun Loving, Profuse Bloomer. Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would fail. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

All Double Mixed.

A very small percentage of singles is to be expected.
Pkt., 15c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Single Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

SALPIGLOSSIS

VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A*). Easily grown annual, 2 to $2\frac{1}{2}$ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA*). Its erect spikes of brilliant scarlet flowers make this one of the handsomest of Salvias. Pkt., 20c; $\frac{1}{8}$ oz., 90c.

SCABIOSA—Tall, Large Flowered Double Mixed (A*). Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A). A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

STOCK — GILLiflower — Dwarf Double Ten Weeks (A*). The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is true to type as obtainable. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

STOCK EVENING SCENTED— Matthiola Bicornis. Small purplish flowers giving off delightful perfume morning and evening. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

SUNFLOWER — Helianthus Cucumerifolius—Excelsior Hybrids (A). The plants are 5 feet tall. The small double flowers are in shades of bronze, brown and red. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

SUN GOLD SUNFLOWER. Brilliant. All double, large golden yellow blooms. 4-5 feet high. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Salpiglossis or Velvet Flower



Dwarf Tea Weeks Stocks

VERBENA

Hybrida—Mammoth Choice Mixed (A*)—A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

TITHONIA-TORCH. 1951 All America Silver Medal Winner. A brilliant orange scarlet with yellow disc, the flower resembles a single Dahlia. Easily grown, heat resistant and fine for cutting, this is an old timer modernized. Sear stems when cutting. Pkt., 20c.



Verbena



Double Lilliput Zinnia

DOUBLE LILLIPUT or POMPON—Mixed. The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to $1\frac{1}{2}$ in. in diameter, and the colors bright and well varied. Pkt., 10c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.30.

DOUBLE LILLIPUT—CRIMSON GEM. Pkt., 15c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

PEPPERMINT STICK. This interesting novelty is somewhat taller than the dwarf types and is one of the best cut and come again Zinnias—early and profuse blooming. The medium sized flowers are striped in many colors. Pkt., 20c; $\frac{1}{4}$ oz., \$1.10.



Persian Carpet Zinnia



Sweet William

SWEET WILLIAM. Dianthus Barbatus—Double and Single Mixed (P*). An old garden favorite, 1 $\frac{1}{2}$ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

ZINNIAS

THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE—PRACTICALLY FREE FROM PLANT DISEASES—WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.

BURPEE HYBRIDS. The very large, loose and ruffled flowers are up to six inches across. There are no harsh colors. The vigorous plants are 3 feet tall. Pkt., 20c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 90c.

CALIFORNIA GIANTS—Mixed. The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

BLAZE ZINNIA. Top 1954 All America Winner. Very large blossoms with fluffy gracefully quilled petals, this Hybrid Giant Zinnia is a vivid orange scarlet. A heavy bloomer. The plants are 30 inches tall. Pkt., 25c.



Dahlia Flowered Zinnia Gold Medal Mixture

DAHLIA FLOWERED GOLD MEDAL MIXTURE

Best for general garden use, 2 $\frac{1}{2}$ to 3 feet tall. The blooms average 4 $\frac{1}{2}$ to 5 inches across.

Grown in separate colors and then mixed, this is vastly superior to much that is offered. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

THE FOLLOWING DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS. Pkt., 15c; $\frac{1}{4}$ oz., 45c; oz., \$1.40. **CRIMSON MONARCH—Deep Crimson. GOLDEN DAWN—Rich Golden Yellow. LUMINOSA—Deep Pink.**

PERSIAN CARPET ZINNIA. Another 1952 All America Award Winner. Easy to grow and thriving on heat, the dainty foliated plants are 12 inches high, early and profusely blooming with variegated flowers about the size of a silver dollar. Pkt., 20c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.25.

FANTASY—Mixed. A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.30.



Zinnia-Fantasy

Will's Sweet Peas



Early Flowering Spencer Sweet Peas

SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results.

\$1.30

SUMMER FLOWERING SPENCERS

The following 12 varieties of Summer Flowering Spencer Sweet Peas are priced at:
Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.20. Any three packets, 25c.

MABEL GOWER. Medium Blue.

FLUFFY RUFFLES. Salmon Cream Pink.

RADAR. Light Pink.

FLAGSHIP. Navy Blue.

GIGANTIC. White.

HIGHLANDER. Lavender.

MASTER CREAM. Deep Cream.

MISS CALIFORNIA. Salmon Cream Pink.

OLYMPIA. Purple.

PEER. Orange Pink.

STYLIST. Clear Rose Pink.

WELCOME. Brilliant Scarlet.

EARLY FLOWERING SPENCERS

The three following varieties of Early Flowering Spencer Sweet Peas are priced at:
Pkt., 15c; oz., 50c.

AMERICAN BEAUTY. Deep Crimson.

CELESTIAL. Salmon Cerise.

SHIRLEY TEMPLE. Light Rose Pink.

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water overnight before planting will hasten germination. The seed should be sown, two inches deep; at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.

For best results
TREAT SWEET PEAS
with NITRAGIN

Garden Size, 18c, Postpaid.
Will Treat Up to 8 Pounds
of Peas, Beans and Sweet Peas.



Choice Mixed Sweet Peas

EARLY FLOWERING SPENCER MIXTURE

Also known as Winter Flowering. These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short season north.
Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$2.20; 1 lb., \$4.25.

CUTHBERTSON SWEET PEAS

ers everywhere. Blooms after the Early Flowering sorts and combines an ability to grow and bloom under hot weather conditions with exceptional vigor, length of stem, and abundance of fragrant blossoms.
MIXED: Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.40; $\frac{1}{2}$ lb., \$2.60; 1 lb., \$4.90, postpaid.

NAMED VARIETIES: Pkt., 15c; oz., 60c, postpaid.

EVELYN, Salmon Cream Pink. HELEN, Blush Pink.

JANET, Black Seeded White.

JIMMY, Bright Scarlet.

LOIS, Rose Pink White Ground.

TOMMY, Clear Medium Blue.

Any three packets of the above, 40c; one packet of each of the six named Cuthbertson varieties, 60c, postpaid.

GIANT RUFFLED SPENCER MIXTURE

Sweet Peas with gigantic blooms so ruffed and frilled that they appear almost double.
Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.80; 1 lb., \$3.40, postpaid.

WILL'S IMPERIAL MIXED SWEET PEAS

A mixture in proper proportions of the large waved standard Spencer sorts with every Sweet Pea color represented in every possible combination Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00.

Cuthbertson Sweet Peas

SIBERIAN PERENNIAL SWEET PEA (P.) The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 15c; $\frac{1}{4}$ oz., 35c.

FLORALIFE DOUBLES LIFE OF CUT FLOWERS. MAINTAINS COLOR AND FRAGRANCE. KEEPS WATER SWEET AND FRESH. NO NEED TO CHANGE WATER. One teaspoon to quart of water. Enough powder to make 5 quarts, 25c; 30 quart size, \$1.00, postpaid.



Will's Imperial Mixed Sweet Peas

**For Trainetts
Weatherized
Trellis Netting
see bottom of
Page 4**

ZVOLANEK'S MULTIFLORA EARLY FLOWERING SWEET PEAS. Five to nine flowers on a single stem with stems up to 18 inches long. The last word in Sweet Peas. Mixed bright colors. Packet of about 65 seeds, 50c; 2 packets 90c.

BUTTERFLY HYBRID SWEET PEAS. (See page 1 for picture.) Maroon, carmine red, lavender and apricot color striped and variegated on a cream base. Pkt. 20c; oz. 85c.



Multiflora Sweet Pea

Will's Pioneer Brand Vegetable Seeds

THIS IS
WILL'S ↓



**PIONEER
BRAND**

It Stands for
Earliness and
Hardiness.
Backed by
Seventy-Two
Years of
Experience.

**Our Garden Seeds Selected for the
Northwest Do Well Anywhere**

Garden Seed Prices are postpaid to any address in the United States unless otherwise stated. Prices are subject to change without notice. Any Sales Tax must be paid by the Customer. We are not permitted to absorb it.

**WILL'S PIONEER INDIAN
COLLECTION**

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Hidatsa Beans
Arikara Squash
Omaha Pumpkin
Mandan Squash
Nuetta Sweet Corn

FIVE PACKETS FOR 20 CENTS.

\$1.25

WILL'S LEADER COLLECTION
13 Packets—One Each of 13 Leading Varieties

\$1.25

Wade Bush Snap Bean
Detroit Dark Red Beet
Copenhagen Market Cabbage
Coreless Carrot
Miniature Sweet Corn
Burpee Hybrid Cucumber
Salad Bowl Lettuce

Granite State Muskmelon
Asgrow No. 41 Hybrid Onion
Early Scarlet Globe Short Top Radish
(Grown from Transplanted Roots)
Buttercup Squash
Victor Tomato
New Hampshire Midget Watermelon

A Good Garden Always Pays

\$2.00 Value for \$1.25

A Good Garden Is the Most Profitable Piece of Ground on a Farm

ORDER EARLY

PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans— Dwarf, Snap	2-5.....	20.....	½ lb.	300	Onions.....	4-6.....	14.....	½ oz.
100	Beans— Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
150	*Beets— 2-4.....	2-4.....	18.....	1 oz.	50	Parsnip.....	3-5.....	18.....	½ oz.
200	Cabbage.....	16-24.....	24.....	50-75 plants.	300	*Peas— ½-1½.....	½-1½.....	30.....	1 lb.
50	Cauliflower.....	16-24.....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
100	*Carrot— 2.....	2.....	18.....	½ oz.	800	Potatoes, Early.....	14-18.....	30.....	½ peck.
50	Celery.....	4-8.....	18.....	200 plants.					
500	*Corn, Sweet.....	16-36.....	30.....	2 oz.	150	*Radish.....	1-2.....	16.....	1 oz.
100	Cucumber.....	48.....	Hills 48.....	½ oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
25	Eggplant.....	20-30.....	24.....	50 plants.	25	Squash, Hills 42.....	42.....	½ oz.	
50	*Lettuce— 4-8.....		Beds 6.....	½ oz.	100	Tomato.....	30.....	36.....	40 plants.
150	Muskmelon.....	Hills 72	72.....	½ oz.	100	*Turnip.....	2-4.....	18.....	½ oz.

These vegetables marked * should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.

WILL'S BEANS

Belong in Every Garden



Green Pod Stringless

BOUNTIFUL. 48 days. A favorite throughout the Northwest for its earliness, hardiness and productivity. Fine flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 35c; 1 lb., 63c, postpaid. Not prepaid, 5 lbs., \$2.10; 10 lbs., \$4.00.

TOP CROP. 50 days. 1950 All America Gold Medal Winner. An early, extra heavy yielder, hardy and resistant to several bean diseases. The medium green pods are round, six inches long, entirely stringless, fiberless and very meaty. Pkt., 10c; $\frac{1}{4}$ lb., 21c; $\frac{1}{2}$ lb., 38c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.45; 10 lbs., \$4.70.

GREEN POD STRINGLESS. 50 days. This very widely grown green podded sort is very early and one of the best flavored. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 34c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$1.95; 10 lbs., \$3.70.

TENDERGREEN. 50 days. The dark green pods are fine textured, fleshy, brittle, tender and stringless and of outstanding quality. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 35c; 1 lb., 64c, postpaid. Not prepaid, 5 lbs., \$2.15; 10 lbs., \$4.10.



Tendergreen



Fordhook Bush Lima

CULTURE: Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves besprayed with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

DWARF GREEN PODDED BEANS

WADE BUSH SNAPBEAN. 55 days. All America Gold Medal Winner for 1952. A development of the U. S. Bureau of Plant Industry, outstanding for vigor and quality, with dark green, fleshy, stringless pods, 5 $\frac{1}{2}$ to 6 inches long. Resistant to common mosaic and powdery mildew. Pkt., 10c; $\frac{1}{4}$ lb., 21c; $\frac{1}{2}$ lb., 39c; 1 lb., 73c, postpaid. Not prepaid, 5 lbs., \$2.60; 10 lbs., \$5.00.

LIMA BEANS

FORDHOOK BUSH LIMA No. 242, 75 days. The best large podded dwarf Lima. All America Bronze Medal Winner originated by the U. S. Dept. of Agriculture. Pods of good length contain from 4 to 5 large, thick, white Beans. A heavy producer of high quality this stands drought better than other sorts. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 37c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

JACKSON WONDER BUSH LIMA. 66 days. This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 37c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

HOPI LIMA. Western Strain. 65 days. A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 35c; 1 lb., 63c, postpaid. Not prepaid, 5 lbs., \$2.10.



For Better Yields Treat Beans and Peas with Nitragin. A 15c Package Will Treat Up to 8 lbs. of Seed



Improved Golden Wax

PENCIL POD BLACK WAX 55 days. Very desirable for home and market garden, hardy, productive and of finest quality. **Probably the finest Round Podded Wax Bean.** The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 35c; 1 lb., 64c, postpaid. Not prepaid, 5 lbs., \$2.15; 10 lbs., \$4.10.

SHELL or SNAP BEANS

BRILLIANT. 57 days. A University of New Hampshire introduction—this Horticultural Bean is larger seeded and much more brightly striped than older varieties. Pkt., 10c; $\frac{1}{4}$ lb., 22c, postpaid.

DWARF HORTICULTURAL or CRANBERRY. 53 days. The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 10c; $\frac{1}{4}$ lb., 21c; $\frac{1}{2}$ lb., 39c; 1 lb., 73c, postpaid. Not prepaid, 5 lbs., \$2.60; 10 lbs., \$5.00.

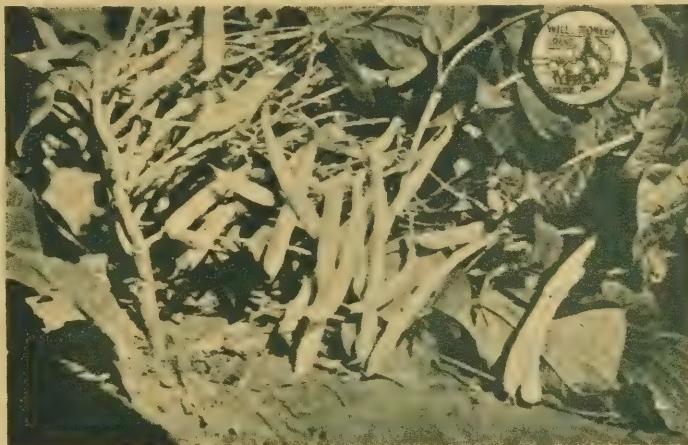
ENGLISH BROAD WINDSOR. 100 days. The Broad or Fava bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 37c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.30; 10 lbs., \$4.50.

I wish to express my appreciation for the fine service and the fine seeds that we have received from you in past years.

F. William Folger, 711 Elm St. S.
Fargo, N. D.

DWARF WAX PODDED BEANS

CHEROKEE. 53 days. The most prolific Wax Bean and one of the earliest. The 5 to 6 inch pods are straight, semi-round, always stringless, tender and of fine quality. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 36c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.20; 10 lbs., \$4.20.



Sure Crop Stringless Wax

SURE CROP STRINGLESS or BOUNTIFUL WAX

The best flat wax bean. 53 days. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick, flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 10c; $\frac{1}{4}$ lb., 19c; $\frac{1}{2}$ lb., 36c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.20; 10 lbs., \$4.20.

IMPROVED GOLDEN WAX—

Top Notch Strain

52 days. This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 37c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.



Pencil Pod Black

POLE BEANS

KENTUCKY WONDER WAX. 67 days. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 10c; $\frac{1}{4}$ lb., 21c; $\frac{1}{2}$ lb., 38c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.45; 10 lbs., \$4.70.

BLUE LAKE. 65 days. Fine for home garden, canning or freezing. Long the standard western canning variety. Productive and bearing over a long period, the 5 $\frac{1}{2}$ to 6 inch long pods are medium green, fleshy, stringless and of top quality. The seeds are small, oval and ivory white. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 37c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

EDIBLE SOY BEANS

High in protein and fat, yet easily digested and utilized; and an excellent source of Vitamins A, B and G. They are used either dry or green.

KABOTT. Very early and prolific, well suited to this section. Pkt., 10c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 27c; 1 lb., 48c, postpaid; 10 lbs., \$1.90, F.O.B. here.



Edible Soy Beans



Great Northern Beans

FIELD BEANS

A Will Introduction **GREAT NORTHERN—The Best Baking Bean**

Everyone knows the Great Northern Beans, but few know that the seed was originally obtained over sixty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. **Hardy, a heavy yielder and early**, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

GREAT NORTHERN-IDAHO NO. 31. A great improvement in yield and uniformity of seed over the standard Great Northern. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 27c; 1 lb., 44c, postpaid. Not prepaid, 10 lbs., \$2.00; 100 lbs., \$17.50.

HIDATSA. An early, very hardy, blight resistant, Red Field Bean originally obtained from the Hidatsa Indians. The seed is about the size and shape of the Great Northern and the quality excellent. Pkt., 10c; $\frac{1}{2}$ lb., 29c; 1 lb., 46c, postpaid. Not prepaid, 10 lbs., \$2.30.

For Improved Yields

Treat Beans with NITRAGIN

See Page 54



Mary Washington Asparagus

ASPARAGUS

Culture. One ounce will sow 100 feet of row. Soak seed for 24 hours before planting. Work soil to a depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

MARY WASHINGTON. The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. The best yielding pedigreed strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkg., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c; 1 lb., \$3.30, postpaid.

ASPARAGUS ROOTS

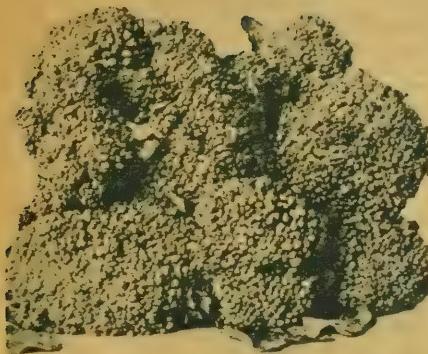
MARY WASHINGTON. Price, not postpaid, doz., 50c; 50, \$1.75; 100, \$3.25. Postpaid, doz., 65c.



Germaco Hotkaps

Help You Grow Earlier, Hardier
Vegetables and Flowers

Strong little individual hothouses for every plant. Increase yields, promote larger fruits and vegetables and ripen plants earlier. Made of waxed paper, protect against rain, frost, wind and insects. Quickly and easily set—directions on package. Home garden Package contains 25 Hotkaps and cardboard setter, postpaid, \$1.20; not prepaid, 95c. Postpaid, 100 Hotkaps, \$3.25; 250 for \$6.15. Not prepaid, 1,000 for \$18.35; 5,000 lots at \$18.20 per 1,000. Shipping weight per thousand, 33 lbs. The 100 and 250 Hotkap packages contain a Fiberboard setter. Sales tax on Hotkaps for North Dakota customers.



Green Sprouting Broccoli

BORECOLE OR KALE

GREEN CURLED or SCOTCH. 75 days. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.05, postpaid.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED. 90 days from setting plants. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$3.25.

BROCCOLI

DE CICCO—EARLY SPROUTING. 60 days. The earliest sort, fine for home garden and well adapted to freezing and canning. After the compact light green heads are cut, the plant develops numerous side sprouts terminating in small green heads for further use. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

GREEN MOUNTAIN-EARLY SPROUTING. NEW. 63 days. Almost as early as De Cicco, of better color with very large, dark green center heads, compact and very fine budded, long standing with laterals sometimes nearly as large as center heads. Pkt., 20c; $\frac{1}{2}$ oz., 60c; oz., \$1.10, postpaid.

Chives

SCHNITTLAUCH (Grass Onion). The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 15c; oz., 85c. See plants on Page 71.

MUSHROOM SPAWN

Bottle Spawn. One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, \$1.40, postpaid.

Cress

UPLAND. 45 days. For salads and garnishing. Pkt., 15c; oz., 60c, postpaid.

Endive

MAMMOTH GREEN CURLED. 95 days. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLE. 90 days. One of the best varieties for salads. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

EGGPLANT

Culture: Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 to 3 feet apart. Days specified from setting plants.

NEW HAMPSHIRE. 76 days. An All-American Silver Medal Winner when introduced. For earliness and heavy yield try this one. The rich, dark purple fruits are good sized although a trifle smaller than Black Beauty and two weeks earlier. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.50, postpaid.

BLACK BEAUTY. 80 days. Until the introduction of New Hampshire this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.50, postpaid.

For Egg Plant plants See Page 57.



Black Beauty

Leek

LARGE LONDON or FLAG. 125 days. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 15c; oz., 80c, postpaid.

Okra

CLEMSON SPINELESS. 60 days. A very early and prolific variety of this favorite southern vegetable. Easily grown in North Dakota. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

KOHL-RABI

EARLY WHITE VIENNA. 55 days. This best Kohl-Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.40.



Early White Vienna Kohl-Rabi

BEET**DETROIT DARK RED.** 60 days. The best main

crop beet. The roots are smooth, medium sized, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{4}$ lb., \$1.30; lb., \$2.45, postpaid.

PERFECTED DETROIT. 62 days. Well adapted for market or canning, with good color and heavy yield, and heavier tops than our strain of Detroit Dark Red. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; lb., \$2.45, postpaid.

SUGAR BEET

Detroit Dark Red Beet

MANGELS OR STOCK BEETS

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

The following Mangels are priced: Oz., 15c; $\frac{1}{4}$ lb., 41c; $\frac{1}{2}$ lb., 77c; 1 lb., \$1.40, postpaid. Not prepaid, 5 lbs., \$5.75.

MAMMOTH LONG RED. The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

GIANT HALF SUGAR ROSE. The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

WHITE SUGAR. A most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid. Not prepaid, 5 lbs., \$5.75.

GOLDEN GIANT or DANISH SLUDSTRUP. A very high yielder, the long oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

The Mangels above are priced: Oz., 15c; $\frac{1}{4}$ lb., 41c; $\frac{1}{2}$ lb., 77c; 1 lb., \$1.40, postpaid. Not prepaid, 5 lbs., \$5.75.



Golden Plume

CELERY

Culture: For early planting sow indoors in February or March. One-eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks. Days listed from time of transplanting.

GOLDEN PLUME or WONDERFUL. 83 days. No. 4162

The Best of the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 20c; $\frac{1}{2}$ oz., 75c; oz., \$1.30, postpaid.

UTAH or SALT LAKE No. 15. 125 days. The best green celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$3.25, postpaid.

GOLDEN SELF BLANCHING. 90 days. Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$3.25, postpaid.

CELERIAC OR TURNIP-ROOTED CELERY — GIANT PRAGUE. 110 days. This is a celery of which

only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 10c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$3.05, postpaid.

BEETS

Culture: Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

IMPROVED BLOOD TURNIP BEET. 58 days.

This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.20, postpaid.



Improved Blood Turnip

EARLY WONDER or BOSTON CROSBY.

58 days. This selection from Crosby's Egyptian is not as early as the Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.20, postpaid.

Small Green young Beets cooked with their equally tender tops are delicious and rich in vitamins.



GREEN TOP BUNCHING.

58 days. An early, extremely attractive Beet with clean, grayish green foliage. The roots are round, smooth and glossy; the flesh bright blood red, finer and less fibrous than most Beets. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.45, postpaid.



Swiss Chard Lucullus

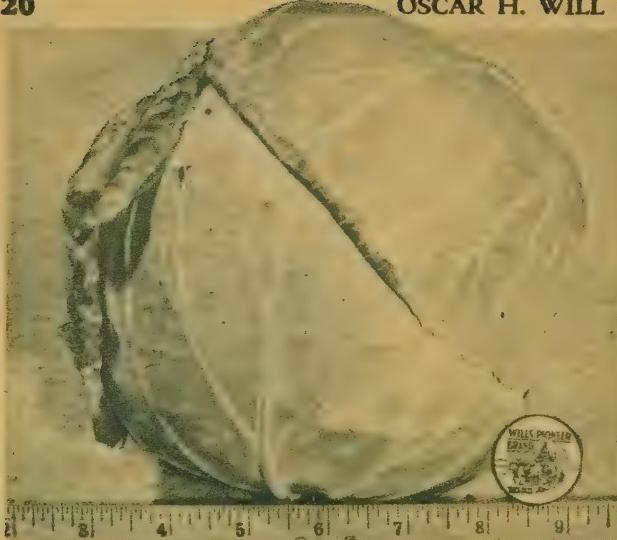
Early Wonder Beet
For continuous supply of young and tender beets make several sowings

OHIO CANNER. 62 days. This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, the most handsome Beet when canned that we know and outstanding for interior color. A desirable sort for all purposes. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.20, postpaid.

SWISS CHARD

LUCULLUS. 60 days. To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.

We shall appreciate notification by our customers of any change in address or duplication of catalogs.



Copenhagen Market

COPENHAGEN MARKET

70 days. This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid.

EARLY ROUND RED DUTCH. 80 days. Early, solid and a good keeper, the heads average 5 to 6 inches in diameter. Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65, postpaid.



Round Red Dutch

CHIEFTAIN SAVOY

leaves are dark green. Savoy Cabbage is of distinct and delicate flavor. Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65, postpaid.

EARLY JERSEY WAKEFIELD

pointed variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.30; $\frac{1}{2}$ lb., \$2.30; 1 lb., \$4.05.

For clean Cabbage watch for the white Cabbage moths. They lay eggs that graduate into Cabbage worms. Dust with Garden Guard when you see the moths hovering and at intervals thereafter.

EARLY DWARF ROUND DUTCH. 71 days. A fine second early for home and market garden. A sure header, the solid heads are medium green in color and flattened globe shaped, weighing from 4 to 5 lbs. This variety stands heat. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$1.80; $\frac{1}{2}$ lb., \$3.10; 1 lb., \$5.50, postpaid.

PENN STATE BALLHEAD. 100 days. Largest of the ball-head types, this is notable for its heavy yield and excellence for winter storage and for making kraut. The uniform heads are a flattened globe shape. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid.

Cabbage

Ask for Prices on Quantities Larger Than Listed

Culture: For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre. No. of days is from setting plants.

EARLY VARIETIES

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

GOLDEN ACRE—Earliest of All

66 days. First of the Copenhagen Market type by ten days, this is the earliest round headed Cabbage. The plants are dwarf and compact. The heads weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant our Golden Acre. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid.



Golden Acre

88 days. An early Savoy with round, medium sized heads. The much crumpled Savoy Cabbage is of distinct and delicate flavor. Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65, postpaid.

62 days. A standard, widely grown sort and the earliest

pointed variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.30; $\frac{1}{2}$ lb., \$2.30; 1 lb., \$4.05.



Early Dwarf Round Dutch

FOR CABBAGE PLANTS, SEE PAGE 57.

Later CABBAGE

GLORY OF ENKHUIZEN. 76 days. Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.30; $\frac{1}{2}$ lb., \$2.30; 1 lb., \$4.05, postpaid.



Glory of Enkhuizen

FOR CLEAN CABBAGE

1 lb., 70c,
postpaid

Danish Ballhead

MICHIHLI CHINESE CABBAGE



70 days from sowing. A new variety, more uniform, surer and firmer heading, crisp and fine flavored. Best results in this section are obtained by planting about June 20th. This is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

DANISH BALLHEAD

100 days. Short Stem or Hollander. This

variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weigh from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; $\frac{1}{2}$ lb., \$2.80; 1 lb., \$4.90, postpaid.



Selected Premium Flat Dutch

PREMIUM FLAT DUTCH. 95 days. The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.80; 1 lb., \$4.90, postpaid.



NEPONSET RED FLOWER POTS

Made of moisture resistant fibre, light and unbreakable, reinforced with paper disc in bottom.

Size	Postpaid	Not Prepaid	Ship. Wt.
25	100	1000	1000

2 $\frac{1}{2}$ inch	.52	\$1.70	\$10.15
3 inch	.57	1.85	11.19

16 lbs.
22 lbs.

VITAPOTS

Tough, nutrient treated, mold resistant, insures vigorous balanced growth for several weeks.

2 $\frac{1}{2}$ inch	.73	2.55	18.00
3 inch	.80	2.86	20.54

31 lbs.
43 lbs.

VITABAND 10

Nutrient treated for growing up to 8 to 10 weeks. Remove for transplanting.

2x2x2 $\frac{1}{2}$ inches	.50	1.35	5.77
3x3x3 inches	.55	1.72	9.25

20 lbs.
37 lbs.

VITABAND D

Same as Vitaband 10, except it can be left on in transplanting. Light pressure breaks band.

2x2x2 $\frac{1}{2}$ inches	.45	1.22	5.16
3x3x3 inches	.50	1.62	8.75

14 lbs.
24 lbs.

VITABAND H

Nutrient treated for growing for longer periods than Vitaband 10 or D.

3x3x3 inches	.60	2.10	12.18
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52 lbs.

Healthful CARROTS Tasty

Culture: Plant $\frac{1}{2}$ inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre.

CORELESS. 68 days. The most delicately flavored and strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.30, postpaid.

I raised a very lovely garden last year with your Home Garden Collection and was so pleased.

Mrs. Harry W. Krause
Lidgerwood, N. Dak.

Carrots
are
Easily
Grown,
Heavy
Yielding
and
Health
Giving



Coreless Carrot

DANVERS HALF LONG.

75 days. The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Postpaid.



Danvers Half-Long Carrot

Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.80, postpaid.



Chantenay Carrot

IMPROVED LONG ORANGE. 85 days. A standard heavy cropping stock, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.80, postpaid.

CHANTENAY or MODEL RED CORED.

70 days. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.80, postpaid.

IMPERATOR or TENDER SWEET. 77 days.

One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to $8\frac{1}{2}$ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.80, postpaid.



I've been planting your seed now for 35 years, I don't think they can be beat.

Mrs. Bertha Andrew
Belfry, Mont.

Tree and Pot or Garden Labels	Doz.	100	1000
2 $\frac{1}{2}$ Inch, Iron Wired Tree Labels, Plain	15c	\$.60	\$ 4.10
6 Inch, Painted Pot or Garden Labels	20c	.85	7.00
12 Inch, x $\frac{1}{2}$ Inch Painted Garden Labels	55c	3.10	26.00



Imperator
or
Tendersweet

OXHEART or GUERANDE.

80 days. One of the most valuable and popular varieties.

When fully grown the type is about 5 $\frac{1}{2}$ inches long, 3 $\frac{1}{2}$ inches thick at the shoulder and about 2 inches thick at the bottom. With

bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is one of our heaviest yielding carrots. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.80, postpaid.



Stensballe

Carrots

Oxheart Carrot

STENSBALLE. **75 days.**

The heaviest yielding table Carrot grown in Denmark, famed for her fine root crops. The roots are 8 to 9 inches long and nearly cylindrical with very light core. This top quality variety is unexcelled for home and market garden. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.30, postpaid.

Cauliflower**One of the Most Profitable Crops for Market and Small Gardeners**

CULTURE: Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form. Days listed from time of transplanting.

QUARTER AND HALF OUNCES AT OUNCE RATE

SNOWDRIFT or WHITE MOUNTAIN. **60 days.** True Snowball type, very vigorous and one of the surest headers, with heads well protected by inner folding leaves. Pkt., 15c; oz., \$2.35.

EARLY SNOWBALL. **55 days.** The earliest cauliflower, short leaved with medium sized heads, snow white, deep, smooth and compact. Pkt., 20c; oz., \$2.50.



Super Snowball

Dust Cauliflower regularly with Garden Guard See Page 79

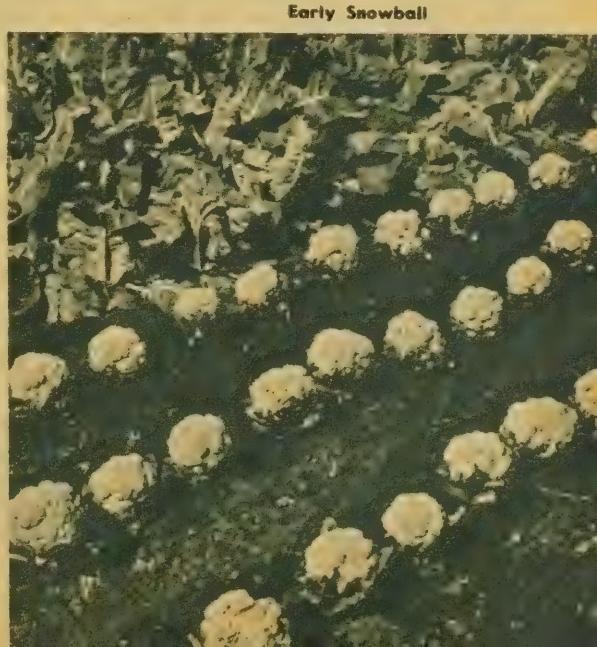
SUPER SNOWBALL. **57 days.** Very uniform and dependable. The plants are vigorous and very sturdy. The deep heads are large, pure white and of fine flavor. Pkt., 20c; oz., \$2.50.

DANAMERICA SUPERSNOWBALL. **67 days.** Our most reliable header and uniform Cauliflower, ten days later than SuperSnowball. The plants are short stemmed with profuse protecting foliage. The heads are deep, very firm and heavy. Pkt., 25c; oz., \$3.00.

Your seeds did very well for me last year. My garden was the talk of the country. A lumber-jack country, and very few gardens.

*Earl G. Law
St. Maries, Idaho*

For Cauliflower Plants, See Page 57.



**EARLIEST
HARDEST
QUALITY**

SWEET CORN

**OUR
SPECIALTY**

CULTURE: Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

Will's Sweet Corn Collection

This collection is designed to give the longest possible succession of Sweet Corn. Plant all six sorts at the same time.

**ORCHARD BABY
MINIATURE
EARLIGOLD**

2 Ounces of Each of the above

**ALTAGOLD
LINCOLN
GOLDEN CROSS BANTAM**
70c The Price of the Collection, Postpaid



Earligold Hybrid

WILL'S PIONEER SUN HYBRID. 75 days. Of Sunshine type, this is a large eared, golden sweet corn of fine flavor. Pkt., 10c; ¼ lb., 23c; ½ lb., 43c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$2.95.

LINCOLN. 80 days. All American Bronze Medal Winner. This rich yellow hybrid is about a week earlier than Golden Cross Bantam, is wilt resistant, drouth tolerant and of good quality. Pkt., 10c; ¼ lb., 22c; ½ lb., 40c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.70; 10 lbs., \$5.50.

GOLDEN CROSS BANTAM

85 days. A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About 10 days later than our Golden Bantam with very uniform ears. This is resistant to Stewart's disease or Wilt and is the most widely used hybrid. Pkt., 10c; ¼ lb., 19c; ½ lb., 36c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

STANDARD or OPEN-POLLINATED SWEET CORN

Excellent varieties often preferred for the home garden

ORCHARD BABY. 60 days. The Earliest Sweet Corn, the dwarf plants produce small golden ears of truly high quality. This variety has shown up as the earliest sweet corn in trials over a wide area. Pkt., 10c; ¼ lb., 26c; ½ lb., 48c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.45; 10 lbs., \$6.70.

ALTAGOLD. 66 days. A new very early golden Sweet Corn of good flavor and large ears for an extra early variety from the Canadian Experiment Station in the Province of Alberta. Pkt., 10c; ¼ lb., 19c; ½ lb., 36c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.20; 10 lbs., \$4.20.

GOLDEN GEM. 67 days. Very early. Ten days earlier than Golden Bantam, the 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.30.



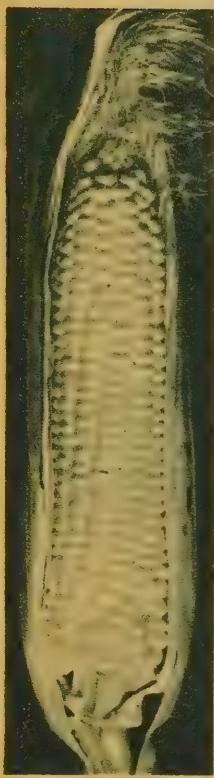
Orchard Baby



Golden Cross Bantam

EARLIEST
HARDEST
QUALITY

SWEET CORN

OUR
SPECIALTY

Sunshine

WILL'S EARLY JUNE. 72 days. The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4½ to 6 inches long. Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.50; 50 lbs., \$12.00.

**TO PREVENT DAMAGE FROM EAR WORMS,
DUST SILKS WITH 5% DDT AT INTERVALS
OF FOUR OR FIVE DAYS, BEGINNING WHEN
SILKS APPEAR. Three dustings should suffice.
See page 79.**

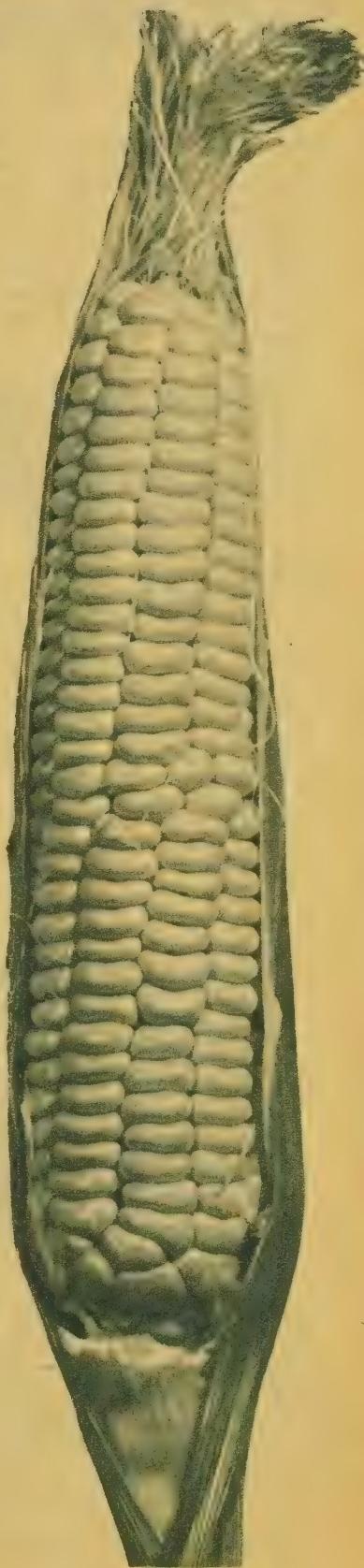
WILL'S NUETTA. 70 days. The hardest Sweet Corn, and the most productive variety we have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow and of fair quality. Our original seed was obtained from a Mandan Indian over 40 years ago. Pkt., 10c; ¼ lb., 18c; ½ lb., 32c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.70.

SUNSHINE, 73 days. Larger eared yet as early as standard strains of Golden Bantam. The 12 to 14 rowed, golden yellow ears are 8 in. long, and thick, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 10c; ¼ lb., 18c; ½ lb., 32c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80; 50 lbs., \$12.50.

GOLDEN BANTAM—Standard Strain, 75 days. The best and most popular Sweet Corn. Dependable, of highest quality, the broad, deep, tender golden kernels are rich and delicious. Ours is earlier than most strains of Golden Bantam. The 8 rowed ears are 6 to 7 inches long, very sweet, tender and delicious and remain edible for a long time. It is a heavy producer. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.30; 50 lbs., \$11.00.

GOLDEN BANTAM—GREAT PLAINS STRAIN. 72 days. This corn was developed for earliness, vigor and high quality together with drouth and smut resistance at the U. S. Northern Great Plains Field Station at Mandan, North Dakota. It commonly carries two ears to the stalk. It is far ahead of any other Golden Bantam we have seen. Pkt., 10c; ¼ lb., 17c; ½ lb., 31c; 1 lb., 49c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.60.

STOWELL'S EVERGREEN. 95 days. The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 10c; ¼ lb., 17c; ½ lb., 30c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.50; 50 lbs., \$12.00.

Stowell's
EvergreenGolden
Bantam**ORDER EARLY**

We think Orchard Baby corn is a great little sweet corn.
There was corn on that where the frost got the other kind.

Daisy Chafer, Rt. 4
Donnybrook, N. D.



Earliest of All

EARLIEST OF ALL. 60 days. The Earliest Standard

Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are $7\frac{1}{2}$ inches long and $2\frac{1}{4}$ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.



Marketer

MARKETER. 65 days. 8 inches long by $2\frac{1}{4}$ inches in diameter, slightly tapering at ends. Very dark green skin, with crisp, high quality flesh and small seed zone; a high yielder and extra fancy slicer. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.05; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.15, postpaid.

WHITE WONDER. 60 days. An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.



A & C or Colorado

EXTRA EARLY RUSSIAN. 54 days. The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are 6 inches long by $2\frac{1}{2}$ inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. Pkt., 15c; oz., 40c.

Do not use D.D.T. dusts or sprays on Cucumber vines. It harms them. Use Rotenone dusts for best results for insects, and Bordeaux to prevent or check disease.

Crisp CUCUMBERS**For Pickling and Slicing**

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills. Cucumbers from seed in 46 to 68 days depending on variety.

BURPEE HYBRID CUCUMBER. 65 days. Vigorous, disease resistant, and very high yielding, producing over a long season. The smooth, symmetrical, dark green fruits average 8 inches long and $2\frac{1}{4}$ inches in diameter. Pkt. of 25 seeds, 25c; $\frac{1}{4}$ oz., \$2.50.



Arlington White Spine Cucumber

ARLINGTON WHITE SPINE. 62 days. One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and $2\frac{1}{2}$ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.



Improved Long Green

IMPROVED LONG GREEN. 70 days. The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.

A & C or COLORADO. 65 days. An outstandingly uniform, vigorous and high yielding variety, of ideal size, shape and quality. The rich deep green fruits are 8 to 9 inches long by two inches thick, few seeded, and hold their color unusually well. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.

WEST INDIA GHERKIN. 60 days. Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by $1\frac{1}{4}$ inches through, small seeded and covered with tender spines. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.05; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.15, postpaid.

WILL'S CUCUMBERS



Straight Eight

STRAIGHT EIGHT. 60 days. The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.



Chicago Pickling Cucumbers

CHICAGO PICKLING

59 days. Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

POPCORN

JAPANESE HULLESS. 85 days. Of wonderful popping quality.

This is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 10c; $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

CARNIVAL. 80 days. A brilliant, vari-colored popcorn from Dr. A. F. Yeager and the University of New Hampshire. It is an early, high volume, quality popcorn and the ears are very attractive as decorations. Pkt., 15c; $\frac{1}{4}$ lb., 25c; 1 lb., 85c, postpaid.



Early Fortune

EARLY FORTUNE. 62 days. One of the best all around Cucumbers.

Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and $2\frac{1}{2}$ inches through. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.



Early Fortune (Pickling Size)

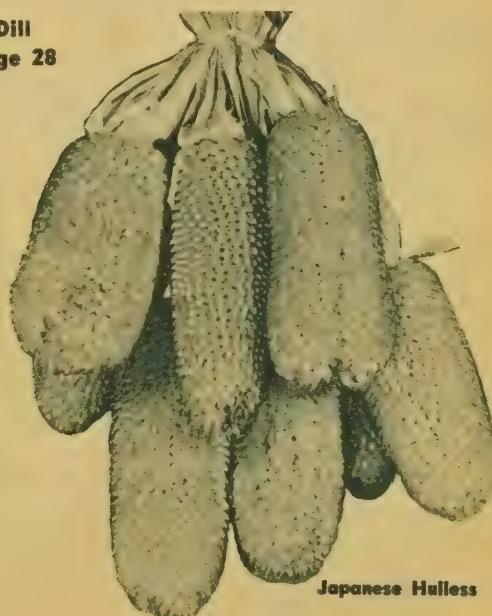
NATIONAL PICKLING. 56 days. A strong vined dependable producer and one of the best all around picklers. The cylindrical fruit is deep dark green, blocky at both ends, very solid and of excellent pickling qualities. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.

JAPANESE EXTRA LONG GREEN. 65 days. Frequently twenty inches long, sometimes curved. Early, hardy, prolific and fine for slicing. Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.

NIAGARA. 60 days. Produces over a long period and is resistant to some disease. Glossy dark green, long and blunt ended. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.05, postpaid.

For Dill

See Page 28



Japanese Hulless

LETTUCE

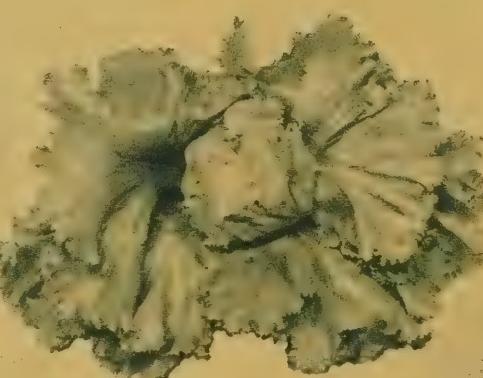
Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over $\frac{1}{4}$ inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

HEADING VARIETIES

GREAT LAKES. 82 days. Strain 6328. An All America winner, developed by the Michigan Experiment Station and the U. S. Department of Agriculture. This crisp, solid New York type succeeds under a wide range of conditions and produces in hot weather when others fail. It is resistant to tip burn and slow to go to seed. It is an outstanding home garden sort. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$1.90, postpaid.

BIBB. 57 days. An early, small headed lettuce of excellent quality, with smooth dark green leaves, blanching within to creamy yellow. A fine home garden sort. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.40, postpaid.

PARIS WHITE COS. 66 days. This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.



Great Lakes



Improved Hanson

IMPROVED HANSON or NONPAREIL

80 days
A very reliable, sure heading variety and a vigorous grower. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., 1.60; 1 lb., \$2.90, postpaid.

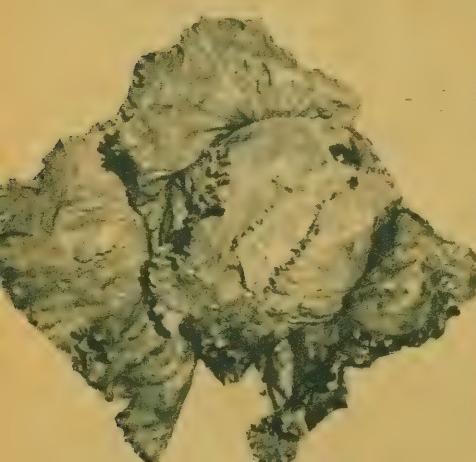
MIGNONETTE. 66 days. The Earliest and Surest Heading Sort. Fine for Home Gardens.

One of the hardest heading of all Lettuces, the heads are quite small and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.55, postpaid.

PREMIER GREAT LAKES LETTUCE. 80 days. A 1949 All America Bronze Medal Winner. Seven to ten days earlier than regular Great Lakes, smooth, uniform in heading and lacking ribbiness. Pkt., 15c; $\frac{1}{2}$ oz., 40c; 1 oz., 75c; $\frac{1}{4}$ lb., \$2.10, postpaid.

ICEBERG. A home garden sort. 82 days. The heads are large, solid, crisp, tender and light green. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$2.90, postpaid.

CRISP AS ICE or HARTFORD BRONZE HEAD. 80 days. A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort and do not get bitter. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$2.90, postpaid.



Mignonette

HERBS:

CARAWAY. Grown for seeds which are used in flavoring. Pkt., 10c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 15c.

DILL—Long Island Mammoth. The stalks and seeds are used for pickling cucumbers. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

MUSTARD—Fordhook Fancy. Foliage used for greens. Pkt., 10c; oz., 20c.

SAGE—Broad Leaved. The leaves, either fresh or dry, are used as seasoning in many ways. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 15c.

SWEET MARJORAM. Leaves and shoots flavor soups and dressings. Pkt., 15c.

THYME. Leaves used for flavoring. Pkt., 15c.



DII



New York Lettuce

Imperial No. 847. 83 days. Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.15; 1 lb., \$4.00, postpaid.

MORE HEAD LETTUCE

NEW YORK or WONDERFUL

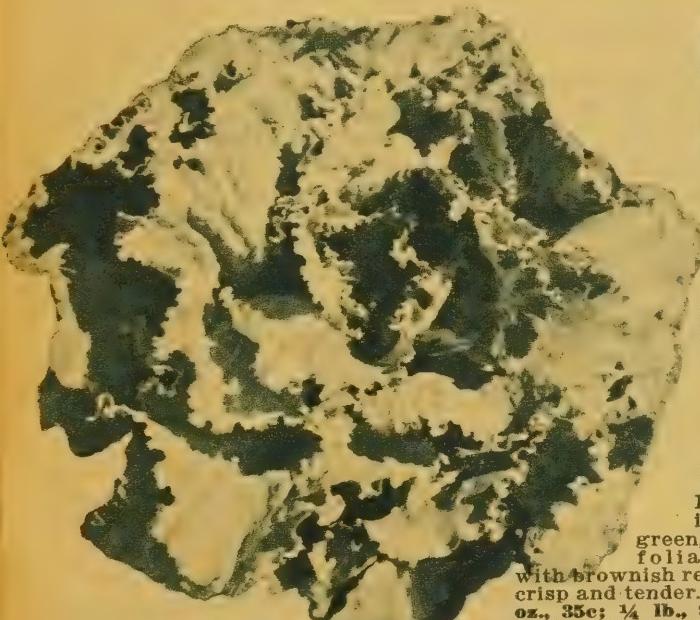
The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

New York No. 515. 81 days. The earliest and surest heading. White seeded. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.05; $\frac{1}{2}$ lb., \$1.85; 1 lb., \$3.50, postpaid.

CURLED or LOOSE HEAD VARIETIES

SALAD BOWL. 48 days. All America Award Winner for 1952. The most beautiful loose leaf Lettuce was developed at the Beltsville, Maryland, Station of the U. S. Bureau of Plant Industry. Each plant is a perfect rosette of rich green and very decorative leaves. Stands sun and is slow to bolt—high in quality, tenderness and of fine texture. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 80c; $\frac{1}{4}$ lb., \$2.20, postpaid.

BLACK SEEDED SIMPSON. 45 days. A popular quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$2.90, postpaid.



Prizehead



Early Curled Simpson

EARLY CURLED SIMPSON—WHITE SEEDED.

45 days. Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are a bright lustrous green, much crumpled and frilled, crisp, tender and sweet. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.

PRIZEHEAD. 45 days. An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The inner leaves are much crumpled and frilled, bright

green, with outer foliage tinged with brownish red, and very crisp and tender. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.70, postpaid.

SLOBOLT. 45 days. One of the best leaf varieties—a light green curled and fringed leaf sort developed by the U. S. Department of Agriculture from Grand Rapids forcing. It is very slow to go to seed, stands high temperatures, and keeps its high quality longer than any other sort. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.55, postpaid.

OAK LEAF. 42 days. One of the two or three most popular leaf lettuces for the home garden. Attractive and distinctive, deep green, semi-heading, long standing and very tender. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.



Slobolt

Your Choice of Hot or Sweet PEPPERS

Culture: Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about $2\frac{1}{2}$ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases. Days indicated from time of setting out.



Early California Wonder

hardy and prolific. Pkt., 20c; $\frac{1}{2}$ oz., 70c; oz., \$1.20, postpaid.

MERRIMACK WONDER. 63 days. A very early and prolific, thick walled, sweet Pepper developed at the New Hampshire Agricultural Experiment Station. A heavy yielder under adverse conditions, the dark green fruits turn brilliant red when ripe. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$3.00, postpaid.

RUMANIAN WAX. 63 days. The large attractive fruits are $4\frac{1}{2}$ inches by $2\frac{1}{2}$ inches, a pale waxy yellow turning bright red when ripe. The flesh is mild but the ribs are tangy. This sort is early,



King of the North

KING OF THE NORTH. 64 days. An early heavy yielding, very large pepper, 6 inches long and 4

inches across, but little later than Merrimack Wonder. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.40.

EARLY CALIFORNIA WONDER. 67 days. The high quality fruits of this early sort are good sized, blocky, smooth, mild and sweet; a bright crimson as they ripen. Pkt., 10c; oz., 80c; $\frac{1}{4}$ lb., \$2.55, postpaid.

TOMATO-SQUASH or SUNNYBROOK. 73 days. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 15c; oz., 90c.

RED CAYENNE. 70 days. Long, red, hot. Pkt., 10c; oz., 60c.

**Pepper and Celery
PLANTS
On Page 57**

GARDENING BOOKS (Not Prepaid)

How To Grow Annuals by Ann Roe Robbins. In addition to descriptions of 100 different flowers, Mrs. Robbins selects 25 of the most popular annuals and treats them in detail. 300 pages. 28 illustrations. $5\frac{3}{4} \times 8\frac{1}{4}$ inches, shipping weight 3 lbs. \$1.95

The Book of Bulbs. A guide to the selection, planting, and cultivation of bulbs, for spring, summer, and autumn flowering and to winterlong beauty from bulbs indoors. By F. F. Rockwell. 264 pages, illustrated. $5 \times 7\frac{1}{2}$ inches. Shipping weight 2 lbs. \$2.95

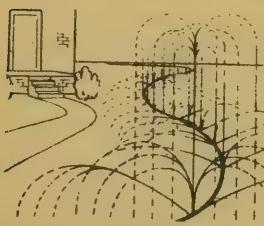
Vegetable Gardening in Color by Daniel J. Foley. This picture-cyclopedia shows all important vegetables, herbs, and berries in full color plates with descriptions and complete cultural directions, with comprehensive sections on all phases of vegetable gardening. 225 pages. 150 color pictures. $6\frac{1}{4} \times 9\frac{1}{2}$ inches. Shipping weight 3 lbs. \$2.95

The Food Garden by Edna and Laurence Blair. Tells by word and picture how to raise garden crops. Line drawings and full explanations. 148 pages. 58 illustrations. $8\frac{3}{4} \times 10\frac{1}{4}$ inches. Shipping weight 2 lbs. \$2.49

Design in Flower Arrangement by John T. and Dorothy N. Arms. Every step in flower arranging explained simply and clearly. 117 pages illustrated. $8\frac{1}{2} \times 5\frac{1}{2}$ inches. Shipping weight 2 lbs. \$3.50

Gardener's Handbook by L. H. Bailey. A manual by a top authority filled with valuable advice on every phase of growing flowers, shrubs, vegetables, and fruit. 239 pages illustrated. $5\frac{1}{2} \times 8\frac{1}{2}$ inches. Shipping weight 2 lbs. \$1.98

Gardening Handbook by T. H. Everett, Horticulturist, New York Botanical Gardens. Paper bound. A good all around handbook. 144 pages. 75c, 85c postpaid.



SUPPLEX PLASTIC HOSE AND SPRINKLERS

Prices F.O.B. Bismarck

SUPPLEX FLEXIBLE SPRINKLER

A triple tube plastic sprinkler with storage reel. Lies flat. Provides gentle, evenly distributed water over a rectangular area up to 50 by 20 feet. 25 ft. size, shipping weight 3 lbs., \$3.98; 50 ft. size, shipping weight 5 lbs., \$5.98.

SUPPLEX CORD REINFORCED GARDEN HOSE

A flexible plastic garden hose. 3 ply with tire cord reinforcement. Standard weight 50 ft. with reel, shipping weight 10 lbs., \$8.95. Heavy duty, 50 ft. with reel, shipping weight 11 lbs., \$10.95.



Improved Guernsey Parsnip

CHEYENNE BUSH. 100 days. **The One Pie Pumpkin.** An extra Early, small orange pumpkin developed from our Fort Berthold Pumpkin at the U. S. Great Plains Field Station at Cheyenne, Wyo. Thick meated, solid and uniform, this is about two weeks earlier than Sweet Sugar. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.05; lb., \$1.90, postpaid.

Clayton R. Christiansen
McHenry, N. D.
Your Earliest Pioneer Hybrid Corn is excellent
for freezing.

KING OF MAMMOTHS. 120 days. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.05; lb., \$1.90, postpaid.

OMAHA. 105 days. A Will introduction. A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.



Cheyenne Bush

PARSNIPS

Culture. Sow as early in spring as possible, in rows not less than 18 inches apart and about $\frac{1}{4}$ inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

SHORT THICK. 90 days. The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.00, postpaid.

IMPROVED GUERNSEY or HOLLOW CROWN.

95 days. The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; lb., \$1.60, postpaid.

PUMPKINS

Culture. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.



Sweet Sugar Pumpkin

SWEET SUGAR or NEW ENGLAND PIE.

110 days. The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid.

Roy K. Jorgensen,
1222 2 St. N. E., Rochester, Minn.
Thanks a lot for your good seeds and very good service.

Pumpkins are heavy producers of first class hog feed.

Early MUSKMELONS Hardy

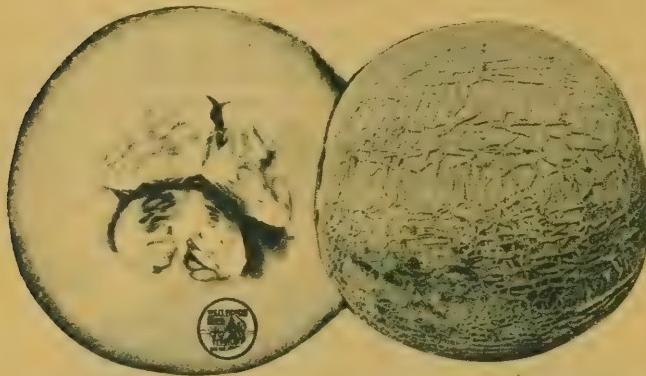
Culture. When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

GRANITE STATE. All-America Winner. 83 days. An oval, very early and prolific, top quality, salmon-orange fleshed melon, developed by Dr. A. F. Yeager at the New Hampshire Experiment Station. This one is hard to beat. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15, postpaid.

GOLDEN GOPHER. 85 days. A smooth, ribbed oval, orange fleshed mildew and wilt resistant sort introduced by the Minnesota Agricultural Experiment Station. A melon of very high quality. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15, postpaid.



Granite State



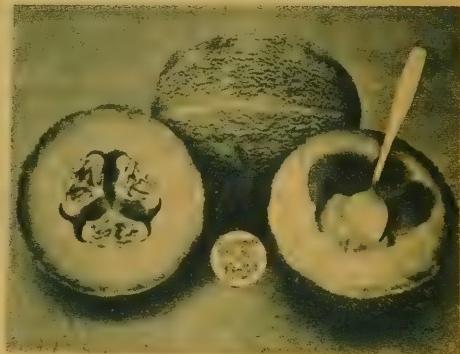
Sugar Rock or Honey Rock

EXTRA EARLY KNIGHT. The best green fleshed Musk-melon, 83 days, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.55, postpaid.

SUGAR ROCK or HONEY ROCK

ROCK. 85 days. This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety. Standard Stock. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.55, postpaid.

DAKOTA STRAIN. Our own selection, a week to ten days earlier than the standard stock with equal yield and quality. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15, postpaid.



Extra Early Knight



Extra Early Osage

EXTRA EARLY OSAGE.

81 days. One of the earliest salmon fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.55, postpaid.

EMERALD GEM. 82 days. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.55, postpaid.

DAKOTA HONEY DEW. 90 days. One of the sweetest melons, good sized, round to oval, with creamy white skin. The earliest of this type and decidedly worth trying. Pkt., 15c; oz., 45c, postpaid.

MUSKMELONS

HALE'S BEST—Jumbo. 85 days. The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.55, postpaid.

LAKE CHAMPLAIN or GOLD-

EN CHAMPLAIN.

83 days. A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

We Offer Two Strains

CHIPMAN'S STRAIN. Ten days earlier than the standard Lake Champlain and the earliest melon of good quality. Developed in Canada. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15, postpaid.

STANDARD STOCK. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.55, postpaid.



Lake Champlain—Chipman Strain



Champion Moss Curled



Far North

CULTURE. Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

PARAMOUNT. 85 days. A very uniform variety with tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.95, postpaid.

CHAMPION MOSS CURLED. 75 days. Leaves beautifully curled, mosslike, of the richest green. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.95, postpaid.

TURNIP ROOTED. 90 days. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c, postpaid.

RHUBARB OR PIEPLANT

MONARCH. Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.



I always used Will's seeds in N. D. and have had good success here.
—John Murray Sprakers, N. Y.

Will's Early WATERMELONS

CULTURE. When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre.



New Hampshire Midget Watermelon

WILL'S SUGAR. 78 days. Introduced by us over fifty years ago. Extra early, hardy and highly productive, this is one of the sweetest Watermelons grown. Pkt., 15c; oz., 40c, postpaid.

COLE'S EARLY

80 days. One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 10c; oz., 30c; 1/4 lb., 75c; 1/2 lb., \$1.25; 1 lb., \$2.25, postpaid.

CITRON. (Red Seeded.) 90 days. A round, handsome fruit of small size with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.30; 1 lb., \$2.40, postpaid.

RANGER. 75 days. The earliest large Watermelon, very hardy and of fair quality. Pkt., 10c; oz., 30c; 1/4 lb., 90c, postpaid.

KLECKLEY SWEET or MONTE CRISTO. 88 days. One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 10c; oz., 25c; 1/4 lb., 70c; 1/2 lb., \$1.15; 1 lb., \$2.10, postpaid.

Tops for Northern Gardens

NEW HAMPSHIRE MIDGET WATER-MELON. 75 days. 1951 All America Gold Medal Winner. A small, very early and hardy variety developed by Dr. A. F. Yeager at the New Hampshire Experiment Station. The fruits are nearly round and about 7 inches in diameter. The rind is thin and the rich red flesh of highest quality. Pkt., 15c; 2 pkts., 25c; oz., 45c; 1/4 lb., \$1.50, postpaid.



Cole's Early



Winter Queen

WINTER QUEEN. 85 days. A high quality, heavy yielder of medium size, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.30; 1 lb., \$2.40, postpaid.

WATERMELON DAKOTA SWEET

Early—Hardy—Fine Quality

80 Days.

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Similar to Northern Sweet. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.40, postpaid.



Dakota Sweet Watermelons

KLONDIKE-STRIPED NO. 11. 85 days. Large, thick oblong melon, with deep red flesh of remarkable flavor—one of the very highest sugar contents of any commercial watermelon. Pkt. 15c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.45; 1 lb., \$2.70, postpaid.

**Use Garden Guard on Melons
See Page 79.**

ONION SETS

Write for prices on lots larger than those listed

WHITE BOTTOM ONION SETS. The mildest of the set Onions. 1 lb., 51c; 4 lbs., \$1.60, postpaid. Not prepaid, peck, \$1.90.

YELLOW BOTTOM ONION SETS. Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 49c; 4 lbs., \$1.50, postpaid. Not prepaid, peck, \$1.80.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 59c, postpaid.



GARLIC

BAVARIAN. Lb., 79c; 5 lbs., \$3.30, postpaid.

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 60 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs. Price $\frac{1}{2}$ peck and over, subject to change.

Onion Set prices are for March delivery or later.



Onion Set Harvest at Bismarck



Looking down on a 3-ton truckload of Dakota Sweets from our nursery

For Earliest Melons start in Vitebands or Vitapots. See page 21.

RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON. 85 days. A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.25, postpaid.

FAVORITE HONEY. 90 days. A nearly round, medium sized melon, light green with darker green stripes. The crisp, delicious flesh is amber yellow. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.00, postpaid.

WILL'S PIONEER BRAND ONION SEED



Early Yellow Globe

EARLY YELLOW GLOBE. 98 days. The best early globe onion and the earliest of the good keepers. A large, attractive onion, deep yellow in color with mild flavor. A heavy cropper and a good winter keeper. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid. Not prepaid, 5 lbs., \$21.50.

WHITE PORTUGAL or SILVER-

SKIN. 100 days. The All Around Onion. The most widely used white Onion. Medium sized, flat, hard and fine grained Onion of fairly mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. Pkt., 15c; $\frac{1}{4}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; $\frac{1}{2}$ lb., \$2.75; 1 lb., \$5.00, postpaid. Not prepaid, 5 lbs., \$24.00.

I like your seeds very much, especially the Victor and Chatam Tomatoes. They bear very well for us.
Mrs. Bertha E. Dors
Claremont, N. H.

For Onion Sets See Page 35

Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering $\frac{1}{2}$ inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre.



White Portugal



Yellow Globe Danvers

YELLOW GLOBE DANVERS. 110 days. This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid. Not prepaid, 5 lbs., \$21.50.



Onion Plants

ONION PLANTS

Sown early in milder sections and plants lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We offer Onion Plants by the bunch only. They are pulled by the handful or bunch. The number per bunch usually runs between 55 and 125 depending largely on the size of the plants. The count varies considerably and we cannot specify the number of plants in a bunch. Bunch, 45c; 2 Bunches, 85c; 5 Bunches, \$1.85; 10 Bunches, \$2.70, postpaid. Not prepaid, crate of 60 Bunches, \$9.50.

SWEET SPANISH. Large, mild and globe shaped. The best for this area.

CRYSTAL WAX or WHITE BERMUDA. Large flat bulbs. We reserve the right to substitute in case of shortage.

WILL'S ONION SEED

DAKOTA GLOBE. 109 days. The Money

Making Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz. 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; 1 lb., \$4.50, postpaid. Not prepaid, 5 lbs., \$20.50.



Dakota Globe

EARLY GRANO or Babosa. 88 days. The earliest onion, medium large, straw colored, of mild flavor, white flesh and Sweet Spanish quality. Not a keeper, but desirable for home garden and early market. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.20; $\frac{1}{2}$ lb., \$3.50; 1 lb., \$6.50, postpaid. Not prepaid, 5 lbs., \$31.00.

ASGROW Y41 98 days. NEW, heavy yielding, uniform hybrid, early, even ripening, yielding up to 40% over Early Yellow Globe. A fine, big yellow Onion, round with tight skin and good color. Pkt., 30c; $\frac{1}{2}$ oz., 75c; oz., \$1.30; $\frac{1}{4}$ lb., \$3.75; $\frac{1}{2}$ lb., \$6.75, postpaid.



Sweet Spanish-Utah Strain

SWEET BERMUDA—Excell Strain. 85 days. One of the earliest onions, flat, very early and in no sense a keeper. The skin is a light straw color and the white, crisp flesh is very mild and sweet. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.80; $\frac{1}{2}$ lb., \$3.00; 1 lb., \$5.40 ppd. Not prepaid, 5 lbs., \$25.00.

PRIZETAKER. 105 days. One of the largest and mildest onions grown. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs sometimes attaining a weight of 2 pounds. Pkt., 15c; $\frac{1}{2}$ lb., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.65; 1 lb., \$6.00, postpaid. Not prepaid, 5 lbs., \$28.00.

SOUTHPORT WHITE GLOBE. 110 days. This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm and fine-grained. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.65; 1 lb., \$6.00, postpaid.

RED WETHERSFIELD 100 days. One of the oldest and best strains, a sure and heavy yielder and a good keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; $\frac{1}{2}$ lb., \$2.75; 1 lb., \$5.00, postpaid. Not prepaid, 5 lbs., \$19.25.

SWEET SPANISH or VALENCIA-UTAH STRAIN 105 days. Earlier, milder and a much better keeper, this is a decided improvement over the Riverside Strain. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.65; 1 lb., \$6.00, postpaid. Not prepaid, 5 lbs., \$28.00.

Onion Sets
on
Page 35



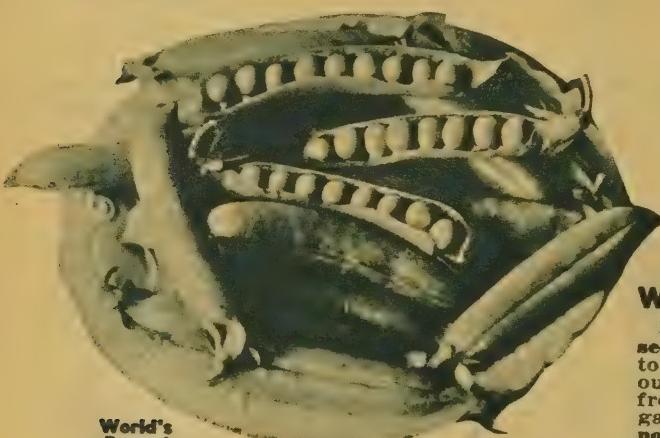
Prizetaker

WILL'S CHOICEST GARDEN PEAS

Culture: Sow early in spring in rows not less than 20 in. apart, covering $1\frac{1}{2}$ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. For freezing, plant Lincoln, Wando or World's Record and Freezonian. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin.

FIRST OF ALL or EARLY JUNE

57 days. This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper. $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 34c; 1 lb., 53c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$29.00.



World's Record



First of All

AMERICAN WONDER. 60 days. The medium green, 3 inch long pods contain 5 to 6 sweet, sugary peas. The plants are from 12 to 15 inches high. This is a tender and flavorful variety, and a bountiful yielder. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$25.00.

WORLD'S RECORD or IMPROVED GRADUS

57 days. This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to $2\frac{1}{2}$ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 20 lbs., \$5.80; 100 lbs., \$26.00.



Little Marvel

LITTLE MARVEL

64 days. One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 20 lbs., \$5.80; 100 lbs., \$26.00.

Alaska

ALASKA

57 days. This Standard hardy and early smooth seeded variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are $2\frac{1}{2}$ inches long, square ended and contain from 5 to 8 Peas to the pod. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$18.00.



FREEZONIAN PEA. All America Bronze Medal Winner for 1948. An early, hardy garden and freezing variety, wilt resistant, 30 inches tall, of Thomas Laxton type. The plump broad pods contain from 7 to 8 deep green peas. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

EARLY DWARF PEAS

LAXTON'S PROGRESS

 or Greater Progress. 62 days. The largest podded and most attractive of the early-dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to 4½ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. ¼ lb., 18c; ½ lb., 34c; 1 lb., 53c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$29.00.

LITTLE GEM or PREMIUM GEM

66 days. An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods 2¾ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. ¼ lb., 17c; ½ lb., 31c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.70; 100 lbs., \$26.00.

Inoculate Peas with NITRAGIN. A 15c Package will treat 8 pounds.

Laxton's Progress

MAIN CROP PEAS

DWARF TELEPHONE or DAISY.

76 days. A fine home and garden sort with vines growing 28 inches tall. The dark green pods are 5 to 6 inches long and contain from 7 to 9 peas. The flavor and quality are excellent. ¼ lb., 18c; ½ lb., 34c; 1 lb., 53c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$29.00.

ALDERMAN. 75 days.

Dark Podded Telephone. The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from 4½ to 5½ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. ¼ lb., 17c; ½ lb., 31c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.70; 100 lbs., \$26.00.

BLISS EVERBEARING. 70 days. Prolific and bearing over a very long period. It grows to a height of 2½ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. ¼ lb., 17c; ½ lb., 32c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80; 100 lbs., \$27.00.

WANDO. 64 days. High quality and heat resistant, thriving through the hottest months and a good freezer. The heavy yielding vines are 2 feet tall. The three inch pods contain 8 to 10 Peas. ¼ lb., 17c; ½ lb., 31c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.70; 100 lbs., \$26.00.

EDIBLE PODDED DWARF GRAY SUGAR

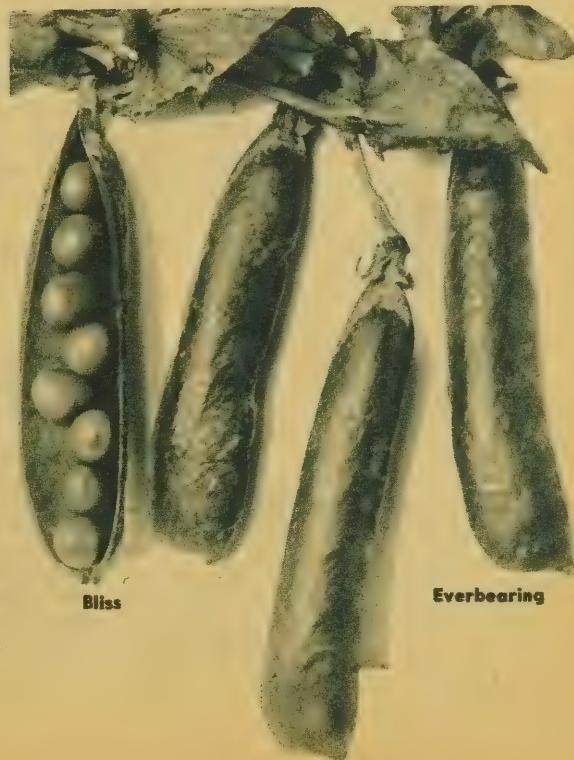
65 days. Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. ¼ lb., 17c; ½ lb., 33c; 1 lb., 52c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

MAIN CROP PEAS

LINCOLN. 68 days. Known in Canada as Homesteader and tops for freezing. The sweetest main crop Pea.

A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from 3¼ to 3¾ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. ¼ lb., 17c; ½ lb., 32c; 1 lb., 51c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80; 100 lbs., \$27.00.

Lincoln



Bliss

Everbearing

RADISHES

*Crisp
and
Spicy*



Early Carmine

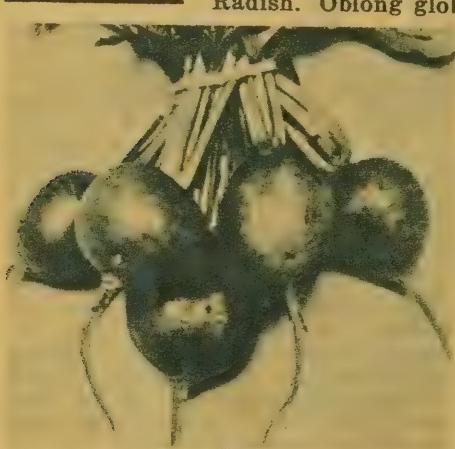
Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked in drills 10 to 12 inches apart. Sow every two weeks for a succession.

EARLY CARMINE

sort. Bright carmine, almost round, the roots are crisp and mild, and last well for an early sort. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid.

CAVALIER

23 days. Regarded by some as the best short top Scarlet Globe Radish. Oblong globe shaped, brilliant scarlet, the white flesh is crisp and mild. An excellent variety for all purposes. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.50, postpaid.



Saxa

roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid. Special seed grown from transplanted roots. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.10, postpaid.

LONG SCARLET SHORT TOP

29 days. A home garden favorite, the smooth tapering roots are from 4 to 5 inches long, $\frac{1}{4}$ inch thick at the shoulder, smooth, dark red with crisp white flesh. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60.



Crimson Giant

WHITE STRASBURG 29 days. One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.65, postpaid.

CRIMSON GIANT GLOBE

29 days. An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid.

MODEL BOX

23 days. This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.65, postpaid.



Giant Butter



Model Box



RADISHES from Spring to Winter

SPARKLER

25 Days

Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is rich carmine - scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.35, postpaid.

SPARKLER. Seed grown from transplanted roots. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.15; lb., \$2.10, postpaid.

CHINA ROSE WINTER

50 Days

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; lb., \$1.65, postpaid.

BLACK SPANISH WINTER

55 Days

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; lb., \$1.65, postpaid.

WHITE ICICLE

30 Days

Sometimes called Lady-finger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.35, postpaid.

PLANT
SUCCESSIVE
SOWINGS



French Breakfast

FRENCH BREAKFAST

25 Days

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.35, postpaid.



Early Scarlet Globe

EARLY SCARLET GLOBE-BEAUTY. 23 days. A short topped sort, very uniform, bright scarlet, olive shaped and one of the very best early market radishes. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid.

EARLY SCARLET GLOBE—SHORT TOP STRAIN. 23 days. Seed grown from transplanted roots. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.15; lb., \$2.10, postpaid.

Oscar H. Will & Co. has been a member of the American Seed Trade Association since 1888. There are only sixteen older seed firms in the country.

White Icicle

A GOOD GARDEN ALWAYS PAYS



Bloomsdale Spinach

BLOOMSDALE or SAVOY LEAVED. 43 days. The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 32c; $\frac{1}{4}$ lb., 50c; 1 lb., 80c, postpaid.

AMERICA. 47 days. The Best Long Standing Spinach. All America Silver Medal Winner. Fine quality, well crumpled, deep green color, best for summer. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.05, postpaid.

KING OF DENMARK. 48 days. Very slow to run to seed. Early, vigorous and productive, the glossy green leaves are very large. One of the best sorts for our conditions. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 32c; $\frac{1}{2}$ lb., 50c; 1 lb., 80c, postpaid.

NEW ZEALAND. 55 days. This variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.65, postpaid.

PEANUTS

SPANISH. Earliest Variety Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 70c; postpaid. Not prepaid, 5 lbs., \$2.50.

SPINACH

CULTURE: Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row.

NOBEL—GIANT THICK LEAVED. 43 days. All American Silver Medal Winner. A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 32c; $\frac{1}{2}$ lb., 50c; 1 lb., 80c, postpaid.



New Zealand

SALSIFY or OYSTER PLANT

CULTURE: Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

MAMMOTH SANDWICH ISLAND. 125 days. This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth, of fine quality and delicious flavor. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.35, postpaid.



Caserta

When 4 to 6 inches long, slice and fry or bake.

CASERTA. 58 days. An All American Winner. An earlier, heavier yielding Grey Zucchini type. Eaten when about the size of a Banana. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.05, postpaid.

RED LODGE MARROW. 60 days. This Marrow or Cocozelle Squash comes to us from the Italian settlement at Red Lodge, Mont. Originally from Italy, it is of high quality, exceptionally early and tremendously prolific. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c, postpaid.

BLACK ZUCHINI. 65 days. Blackish green skin with white flesh. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$1.95, postpaid.

The Raspberry plants I got from you every one grew and were such nice and strong plants. Thank you for such nice plants.

—Mrs. Edwin Macal, Pine River, Minn.

SQUASH

GIANT SUMMER CROOKNECK. 55 days. A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.55; 1 lb., \$2.70, postpaid.

MAMMOTH WHITE BUSH. 53 days. Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.65, postpaid.

MANDAN 50 days. The Very Earliest Squash—obtained by us from the Mandan Indians. It is flattened globular in shape, white skinned with green stripes, very hardy and drought resistant, but of only fair quality. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

ITALIAN MARROW.



Table Queen

TABLE QUEEN—DES MOINES or ACORN.

The Individual Squash. 80 days. A small, very productive, acorn-shaped variety, averaging 1½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$1.80, postpaid.

Early and Hardy Varieties

Will's Winter Squashes

Culture: One ounce to 15 hills. Plant at same time as cucumbers and melons, in hills 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash.



Banquet

RED or GOLDEN HUBBARD. 100 days. Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.50, postpaid.

IMPROVED HUBBARD.

110 days. The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.50, postpaid.



Buttercup Squash

BUTTERCUP. 100 days. Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.75, postpaid.

UCONN—All American Gold Medal Winner 75 days. A heavy yielding bush type Table Queen developed at the University of Connecticut. The very uniform fruits are dark green with slight flecking. Pkt., 10c; oz., 25c; ¼ lb., 80c; 1 lb., \$2.75, postpaid.

BUTTERNUT. 95 days. About a foot long, bottle shaped. 4 to 5 inches at greatest diameter. The seeds are contained in a small cavity in the large end of the Squash. The fine textured, orange flesh is very sweet and fine flavored. Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.75, postpaid.



Will's Banquet

WILL'S BANQUET. 95 days. A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.75.

ARIKARA. 90 days. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, variegated with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 10c; oz., 35c, postpaid.

Improved Hubbard



Your 1954 Garden
Will Pay Big Dividends
with Will's Seeds

UConn



Culture. Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. Days specified from transplanting.



Victor

SIOUX. 70 days. An early, meaty, red Tomato developed in Nebraska. It has outyielded all others in South Dakota trials and becomes more popular each year. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 80c; $\frac{1}{4}$ lb., \$2.40, postpaid.

VALIANT. 70 days. An early, heavy yielding, large fruited, deep globular red sort, a few days later than Earliana which it is replacing in many sections. It continues to yield heavily through the season. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.55, postpaid.



Earliana

EARLIANA. (Standard Strain). One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.10, postpaid.

Tomato Plants
Listed on Page 57

We received our seeds from you and bulbs we ordered in very fine shape. We also received the extra nice free gift which we sure appreciate and thank you for. For economy and quality your seeds, etc. can't be beat. Had the best results last summer from seeds ordered from you last year.
—Mr. and Mrs. Jack R. Davis, Wyola, Mont.

Will's Early

CAVALIER TOMATO. 63 days. See colored picture on back cover. A large, very early, solid, beautiful red Tomato of fine interior color and top quality. Developed at the North Dakota Agricultural Experiment Station, it has performed well wherever tried. 3 or 4 days later than Victor and much larger. Pkt., 20c; $\frac{1}{2}$ oz., 65c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00, postpaid.

VICTOR

All America Bronze Medal Winner. A fine contribution by Dr. A. F. Yeager to Tomato Progress. 60 days. Brought out at the Michigan State College. This is a cross between Allred and Break O'Day. The somewhat flattened fruits are a desirable red in color, very flashy and resist cracking. Market quality is very high and culs few. If you want earliness, high quality and yield, try Victor Certified seed. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.55, postpaid.



Firesteel

FIRESTEEL. 65 days. An early variety that has proven very productive under adverse conditions, resistant to wilt and disease. The fruit is large, smooth and uniformly globe shaped, scarlet red in color and free from cracking. We think more and more of this sort. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.10, postpaid.

ORANGE KING. 72 days. A midseason bright orange Tomato developed by Dr. A. F. Yeager, of the University of New Hampshire. A heavy yielder, the fruits are a little larger than those of Victor. The interior color is also a bright orange, much more attractive than ordinary yellow Tomatoes, and the juice is much the color of orange juice. Tests indicate a higher vitamin content than that of red varieties. Pkt., 15c; $\frac{1}{2}$ oz., 70c; oz., \$1.25, postpaid.

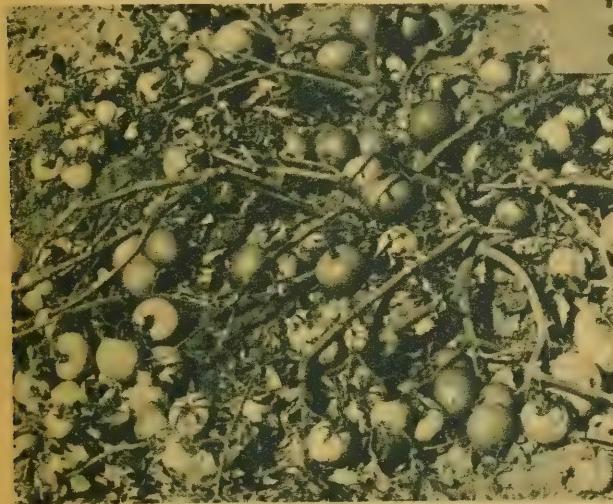
JOHN BAER. 73 days. Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 10c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.

MARGLOBE. 77 days. An all-purpose, mid-season Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$1.80, postpaid.

Hardy Tomatoes

BISON

60 days. The first of Dr. A. F. Yeager's self-pruning or determinate Tomatoes and probably his hardiest. The solid, meaty, medium sized, red Tomatoes are of good quality and mildly acid. Because of its hardiness, this older variety is a standby. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.



Chatham (Some foliage cut away)

BOUNTY or N. D. No. 40. 60 days. This is a first cousin to Victor and has out-yielded it in some tests. Very similar in appearance. Postpaid, pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.40, postpaid.



Bounty

For Paper Pots and Bands See Page 21

BONNY BEST. 73 days. A popular second early sort, fine for both home and market garden. The good-sized, bright scarlet Tomatoes are flattened globe shape and of very fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.80, postpaid.

Late Potato Blight plays hob with Tomatoes. Spray weekly with Bordeaux beginning about July 15, or dust with Tomato Dust. See Page 79.

**Tomatoes
The Most
Profitable
Garden
Crop
for a
small
area.**



Bison

CHATHAM. 58 days. The longer we grow Chatham, the better we like it. Developed from crosses made by Dr. A. F. Yeager, by the Upper Peninsula Experiment Station, Chatham, Michigan, for home gardens in areas of short growing seasons. The plant is determinate; the fruits are good sized—the largest of any extra early variety, all over ripening, of high quality, smooth uniform shape and good color. Can be sown in open ground with good results, with of course earlier Tomatoes if started indoors. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.55, postpaid.



Red River

RED RIVER 62 days. One of the earliest and most solid, meaty early sorts we have ever seen, Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.10; 1 lb., \$7.40, postpaid.

For Small Fruited Tomatoes See Next Page (46)

WINDOW BOX. 58 days. Extra Early—Distinctly a Novelty—the plants are 18 to 22 inches across and yield heavily of small, meaty, few seeded, high quality Tomatoes. This is a Dr. A. F. Yeager variety. Seed sown in the open ground will ripen fruit here. Pkt., 15c; $\frac{1}{2}$ oz., 70c; oz., \$1.25, postpaid.

My order came thru fine and I want to thank you for the nice way they were shipped. Everything was just fine.

—Mrs. Chas. Pressentin,
524 Warner St., Sedro-Woolley, Wash.



Strawberry or Ground Cherry

Small Fruited Tomatoes

YELLOW PEAR. 75 days. Extra early, heavy yielding determinate plants. The yellow fruits are pear shaped, attractive and fine flavored. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c, postpaid.

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 15c; oz., 80c.

RED CHERRY. 75 days. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c, postpaid.

GROUND CHERRY, HUSK or STRAWBERRY TOMATO. 90 days. Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paper-like husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c, postpaid.

Will's Rutabagas

CULTURE: Sow latter half of June or first of July. Plant about $\frac{1}{2}$ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; $1\frac{1}{2}$ lbs. an acre of drill, and $2\frac{1}{2}$ lbs. an acre broadcast. About 1,900 seeds to the packet.



Will's Improved Rutabaga

PAJBJERG BANGHOLM. The roots are purple - topped

and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.40, postpaid.

IMPROVED AMERICAN PURPLE

TOP YELLOW. The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

EARLY NECKLESS—LAURENTIAN. A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.

I have raised the best garden this year by using Will's seeds, I live at an elevation of about 3000 ft.

Calvert L. Sartz
Beach, N. Dak.



Turnips

PURPLE TOP STRAPLEAF. 45 days. Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.

EARLY WHITE MILAN. 42 days. The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.50, postpaid.

PURPLE TOP WHITE GLOBE. 55 days. The most popular variety for general use. A good sized, globe-shaped sort of root and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.

WHITE EGG. 55 days. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.

GOLDEN BALL. 60 days. The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.40, postpaid.

May we take this opportunity to mention especially your Double Golden Gleam Nasturtium. Last year they bloomed in gorgeous profusion until the frost of October 19 which is quite a record for this part of the country.

—Muriel P. Brown, Woodstock Valley, Conn.

Purple Top White Globe Turnip

PIONEER HYBRID SEED CORN



Will's Pioneer Hybrids Are Bred and Grown for Great Plains Conditions

We are the only commercial Seed House in the North that has conducted a long continued project of Corn inbreeding and crossing with special reference to Northern Plains conditions.

HYBRID "A." 78 days. A high yielding early hybrid directly produced from selected strains of Will's Falconer Corn. A very greatly improved uniform type Falconer with ears up 15 inches or more.



Hybrid K

PIONEER HYBRID "K."

80 days. Falconer and Nodak 301 combination. Heaviest producer of dry ripe corn in our trials of many kinds, this last year. A sure corn to ripen and outstanding in all respects.

A handsome yellow dent.

NODAK HYBRID No. 301. 83 days. Somewhat earlier than No. 201 and a little sturdier. We have found it to do somewhat

better under our local conditions. A beautiful appearing yellow dent and the hardest and surest pure yellow dent that we have found in a long list of hybrids.



Hybrid A

HYBRID PRICES. Large and medium flats. Postpaid, lb., 50c; F.O.B. Bismarck, 7 lbs. (enough for 1 acre) \$2.00; $\frac{1}{2}$ bu., \$5.50; bu., \$10.00. Large and medium rounds, small flats; F.O.B. here, 7 lbs., \$1.40; $\frac{1}{2}$ bu., \$4.50; bu. \$8.00.

Mr. Pioneer Hybrid says:

Another year with a short, cool season should convince dwellers in the Northern Great Plains that the Southern and Eastern Hybrids which have been so profusely distributed in the area, cannot be relied upon to produce a crop of Corn.

Early and Cold Resistant

And best germinating, Pioneer Hybrids are treated with non-poisonous dust. This increases the seeds' ability to fight off disease and make a good stand.

Wind Resistant

A strong stalk with a massive root system gives added protection against high winds.

High Yields

Will's Pioneer Hybrids' exceptionally high yields bring Repeat Buyers who want to grow these remarkable hybrids year after year.

Drought Resistant

Pioneer Hybrids are bred from the hardest corns grown in the Great Plains area—increasing their drought resistance for your protection.



Hybrid 301.

ACME FODDER CORN. Mixed Dent of Great Plains Types. Almost perfect as a silage corn. This is a mixture of off-type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. Lb., 50c, postpaid. F.O.B. here; 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$3.00; bu., \$5.00.

4X FODDER CORN — Southern Grown, Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get

this grown just far enough south so that maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; $2\frac{1}{2}$ bu. if broadcast. F.O.B. here. See blue price list.



Acme Fodder Corn

Sweet Fodder Corn



4X Fodder Corn



SWEET FODDER CORN — Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that

its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Lb., 30c, postpaid. F.O.B. here; 10 lbs., \$2.00; larger lots @ 17c per lb.

SOUTH DAKOTA RAINBOW. A late strain from the Indians of southern South Dakota.

Produces a tremendous tonnage of fodder and silage with lots of ears as well. Postpaid, 1 lb., 50c. See blue price list.

NATIVE YELLOW FLOUR CORN. (80 day.) Most nutritious and most easily consumed by Stock of any Corn variety. This is due to the soft flour kernels which contain more feed value than the Flints or Dents. Drouth and frost resistant, early and a tremendous yielder. Ideal for feeding off in the field. Postpaid, 1 lb., 50c; F.O.B. here; 10 lbs., \$1.45; $\frac{1}{2}$ bu., \$4.00; bu., \$8.00.



Native Yellow Flower Corn



Gehu

Great Plains
Rainbow

FEEDING CORN IN THE NORTHERN PLAINS

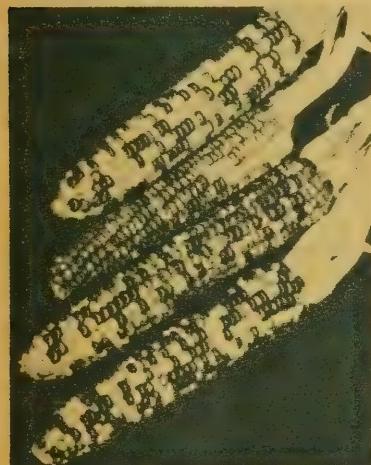
Corn is grown for feed. The corn that produces the most in both ears and stalks is the cheapest to feed. It costs money to pick corn—hogs, cattle and sheep pick for nothing. Feeding corn in the field is the most economical way to handle.

For feeding in the field the highest yields always come from flint corn, flour corn and semi-dents.

HARDY FLINT CORN

Developed by the Indians for Northern Plains Planting

Great Plains Rainbow. Sure maturing, a tremendous yielder and a wonderful corn for the silo or to feed in the field. Developed by John Sarvis at the U.S. Great Plains Experiment Station at Mandan. Will outyield all Dents and Hybrids year in and year out. We have a remarkably fine stock. Lb., 70c, postpaid, F.O.B. Bismarck; 10 lbs., \$2.00; $\frac{1}{2}$ bu., \$3.70; bu. \$7.00.



Burleigh Co. Mixed

slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 70c, postpaid; F.O.B. here: 10 lbs., \$2.00; $\frac{1}{2}$ bu., \$3.70; bu., \$7.00.

WILL'S GEHU YELLOW FLINT

Seventy-Five-Day Corn

The best known of our native early flints. We have shipped it to every continent. It has been carefully bred by us for years and shows the effect of this breeding. It is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. Gehu is of a lemon-yellow color, ears mostly twelve-rowed. 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 18 inches from the ground. Lb., 70c, postpaid; F.O.B. here: 10 lbs., \$2.00; $\frac{1}{2}$ bu., \$3.70; bu., \$7.00.

BURLEIGH CO. MIXED or DAKOTA SQUAW CORN

Seventy-Day Corn

Hardy—Early—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It is very resistant to both drought and frost, and fully as heavy a yielder as any variety of early flint. It is of mixed colors, yellow, white, blue and red predominating, ears long and

ASSINIBOINE FLINT CORN

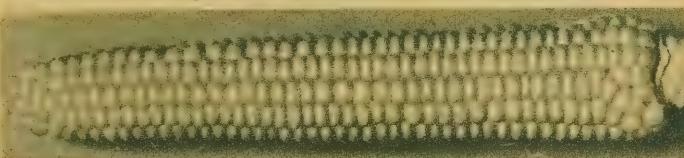
Sixty-Day Corn

From the Canadian Indians—Earliest Type of Corn Grown. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Lb., 70c, postpaid; F.O.B. here: 10 lbs., \$2.25; $\frac{1}{2}$ bu., \$4.75; bu., \$9.00.

DAKOTA WHITE FLINT

Seventy-Day Corn

The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3 $\frac{1}{2}$ to 5 $\frac{1}{2}$ ft. Lb. 50c; postpaid; F.O.B. here: 10 lbs., \$2.25; $\frac{1}{2}$ bu., \$4.25; bu., \$8.00.



Dakota White Flint

FALCONER SEED CORN

Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres of so-called Falconer are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including hybrids.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co. Lb., 60c, postpaid. F.O.B. here: 10 lbs., \$1.70; $\frac{1}{2}$ bu., \$3.75; bu., \$5.50.



A CORN HANDBOOK FOR THE NORTHWEST

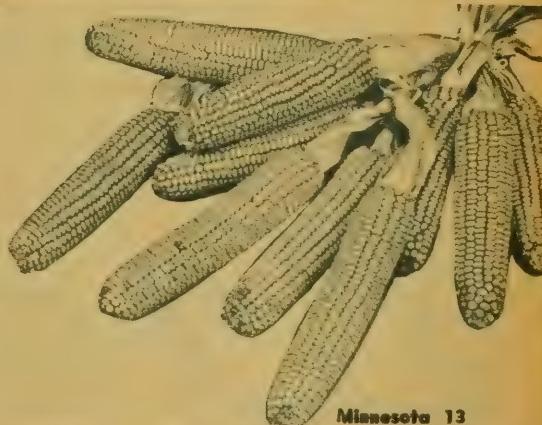
Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely, it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c.



EARLY TYPE MINNESOTA 13

We offer a type of Minn. 13 with 85 to 90 days' maturity, adapted to Great Plains conditions. Minnesota 13 is the standard main crop Yellow Dent in all the more favorable sections of the Great Plains. We usually have two strains—Boyd and Haney, but shall fill orders from whichever happens to be on hand. Postpaid, lb., 60c. F.O.B. here: 10 lbs., \$1.70; $\frac{1}{2}$ bu., \$3.75; bu. \$5.50.



Minnesota 13

WILL'S ORIGINAL NORTHWESTERN DENT

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. Color: Red and white.

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drouth resistance. It ripens in 80 to 85 days. Lb., postpaid, 60c. F.O.B. here: 10 lbs., \$1.70; $\frac{1}{2}$ bu., \$3.75; bu., \$6.00.

SQUARE DEAL DENT. (85 days) Probably the earliest pure yellow dent.

Bred by Oscar H. Will 50 years ago for Great Plains conditions. Deep kernels and proportion of shelled corn is very high. Ears 2 to 3 ft. high on the stalk and are very easily picked with a mechanical picker. Lb., postpaid, 60c; F.O.B. here: 10 lbs., \$2.00; $\frac{1}{2}$ bu., \$3.75; bu., \$6.00.



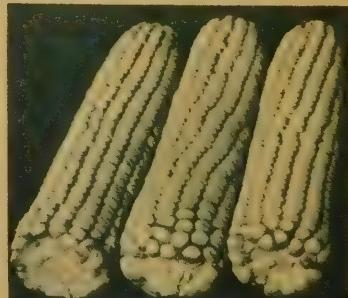
Square Deal

Northwestern Dent

RUSTLER—90-Day CRIMMINS STRAIN—

White Dent

This especially adapted strain of the rather late Rustler for central and western North Dakota has been bred by Mr. D. C. Crimmins, a corn breeder of note, winner of many premiums at the State Corn Show. In this strain of Rustler he has given us a very valuable corn. Lb., 60c, postpaid. F.O.B. here: 10 lbs., \$1.75; $\frac{1}{2}$ bu., \$3.75; bu., \$6.50.



Crimmins Rustler

WILL'S PIONEER BRAND LAWN GRASS SEED



A note on the lawn grass situation

Lawn grass seed prices are much higher this year due to an extremely short crop of Kentucky Blue Grass, and relatively short crops of other lawn grasses. For those who want a nice lawn, but do not wish to pay the high prices for our regular mixtures, we recommend Creeping Red Fescue, and for the tougher, less cared-for-lawn, straight Fairway Crested Wheat Grass is fine.

WILL'S EMERALD LAWN GRASS MIXTURE

Registered U.S. Patent Office

Our top lawn grass mixture. Kentucky Blue-grass is the foundation. Our best lawn grass for a lawn that will be well tended and watered. 1 lb. postpaid \$1.80. 5 lbs. F.O.B. Bismarck \$8.40.



WILL'S DAKOTA LAWN GRASS MIXTURE

A good utility mixture for a lawn that may have to do without as much water and care as the Emerald. Fine for boulevards and large public grounds. Has some coarser and harder grasses. 1 lb. \$1.85 postpaid. 5 lbs. \$6.00 F.O.B. Bismarck.

KENTUCKY BLUEGRASS. We may have it available at planting time. Due to price and supply situation, we cannot list the price at this time. Please write for prices.

REDTOP. Fine for seeding in shady spots, and very damp or swampy areas. 1 lb. postpaid \$1.50. For larger quantities, see blue price list.

Top Quality Lawn Grasses For This Year of Lawn Grass Seed Shortages

FOR A FINE LAWN CREEPING RED FESCUE

A beautiful, bright-green lawn grass that creeps by means of underground stems. It will make a lovely lawn, and is relatively hardy for the Northwest. The cost is noticeably less than for blue grass or mixtures containing blue grass. Postpaid 1 lb., \$1.15, F.O.B. Bismarck; 5 lbs. \$5.00.

FOR A TOUGHER LAWN FAIRWAY CRESTED WHEAT GRASS

Recommended for a good hardy lawn that requires a minimum of water and care. Fine for boulevards, parks, and large grassed areas. Fairly fine, stands cutting well, and stays green quite late, although it is a trifle bunchy. 1 lb. postpaid 65c F.O.B. Bismarck; 5 lbs. \$2.50. For larger quantities, see blue price list.

ILLAHEE FESCUE. A more drought resistant type of creeping red fescue. 1 lb. postpaid \$1.40; F.O.B. Bismarck 5 lbs. \$6.25. For larger quantities, see blue price list.

CHEWINGS FESCUE. A creeping fescue particularly adapted to cool and shaded locations and hardy north to Alaska. 1 lb. postpaid \$1.15. F.O.B. Bismarck 5 lbs. \$5.00. For larger quantities, see blue price list.

BUFFALO GRASS. A wonderful lawn for dry conditions. Spreads by means of runners to produce a dense mat on the ground. Available in both seed and plants. Requires little mowing.

PLANTS. Minimum order 100 plants. Plant from 6 to 15 inches apart. Plant cannot be reset until new growth has started, so cannot be shipped until May or June. 100 plants postpaid (enough for 140 sq. ft.) 85c; 500 plants \$3.75. F.O.B. Bismarck, 1000 plants \$5.50. Plants from Theodore Roosevelt's Elkhorn Ranch strain—finer and slower growing—100 plants 95c, postpaid.

SEED. (Treated to improve germination.) Postpaid 1 lb. \$1.60; F.O.B. Bismarck, \$1.45 per lb.

CREEPING BENT GRASS. A very popular grass for lawns. Beautiful once established, but it requires careful planting, tending, and lots of water until it has made a small growth. Postpaid 1 lb. \$1.45; 5 lbs. \$6.50 F.O.B. Bismarck.



A Buffalo Grass Lawn

Directions for Making Lawns

The seed bed should be spaded or plowed to a depth of about 5 inches. Lumps should be broken, the surface smoothed, and well firmed. Sow seed evenly on a quiet day, rake in well, and roll if possible. Seed at the rate of 1 lb. for 200 square feet, and water thoroughly.

For the best lawns, good loam soil is needed to a depth of at least three inches. Emerald Lawn Mixture should be used for the best lawns where water is available, with creeping red fescue as a good second choice. Redtop is good for shady spots. For more difficult conditions where watering is less frequent, use Dakota Lawn Mixture, or Fairway Crested Wheat Grass.

For a dry land lawn, we recommend Buffalo Grass, plants or seed, Fairway Crested Wheat Grass, or Slender Wheat Grass.

Keep well watered until grass is well up. The newly sprouted grass is very tender. Fertilize from year to year, and during the year, as indicated by the condition of the lawn.

We are always happy to advise you on grass problems, and to make up special mixtures for football fields, other public grounds, and any special situations.

PASTURE & HAY GRASSES

Grass seed prices are quoted on our blue price list of field seed. If interested write for a copy. Prices are so uncertain that we are not printing them in the catalog.

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. Postpaid, 1 lb., 70c.

LINCOLN BROME. This is a heavy yielding and uniform selection which has become very popular. Postpaid, 1 lb., 80c.

PIONEER BRAND TIMOTHY SEED. We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 50c, postpaid. F. O. B. here @ 35c.

TALL WHEAT GRASS. A tall, heavy yielding wheat grass for use on irrigated land and in alkali soil. Postpaid, 1 lb., \$1.05; F. O. B. here @ 90c.

MEADOW FESCUE or ENGLISH BLUE GRASS. This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Does best in rich soil. Postpaid, 1 lb., 65c; F. O. B. here, 10 lbs., \$4.00; 50 lbs., \$14.00; 100 lbs., \$27.00.

REED CANARY GRASS, OR PHALARIS. 4 lbs. per acre. This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Postpaid, 1 lb., 90c; F. O. B. here, 10 lbs., \$7.00, 50 lbs., \$32.00; 100 lbs., \$60.00.

CANADA WILD RYE. One of our summer pasture natives. Postpaid, 1 lb., 70c.

MANDAN WILD RYE. A selection from the U. S. Grass Nursery at Mandan. Postpaid, 1 lb., 85c; F. O. B. here @ 70c.

STANDARD CRESTED WHEAT GRASS. The hardest and most drouth resistant grass yet discovered. The outstanding variety for the Great Plains. Postpaid, 1 lb., 85c.

WESTERN RYE OR SLENDER WHEAT GRASS. Hardy, of good quality, a native variety. Becomes sod bound quickly. Postpaid, 1 lb., 70c.

Primar Strain. Primar is a strain of slender wheat. Postpaid, 1 lb., 80c.

RUSSIAN WILD RYE. Best of the wild rye species both for hardiness and easy harvesting. 1 lb., postpaid, \$1.35.

GREAT PLAINS PASTURE MIXTURE. The mixture which we list is one recommended at the N. D. Experiment Station. Sow 10 or 11 lbs. per acre. It consists of 3 lbs. brome, 2 lbs. crested wheat, 3 lbs. yellow sweet clover, 1 lb. alfalfa, 3 lbs. wild rye. Postpaid, 1 lb., 70c.

MIDLAND PASTURE MIXTURE. For the eastern third of our State. Seed 10 to 14 lbs. per acre. Consists of 6 lbs. brome, 3 lbs. wild rye, 2 lbs. alfalfa, 2 lbs. yellow sweet clover. Postpaid, 1 lb., 65c.

WRITE FOR PRICES ON GRASSES NOT LISTED

PIONEER BRAND ALFALFA SEED

FOR PRICES SEE BLUE PRICE LIST

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. Lb., 75c, postpaid.

CERTIFIED SEED

RANGER. Postpaid, 1 lb., 90c.

LADAK. Postpaid, 1 lb., 80c.

GRIMM & COSSACK, same as Ladak.

SWEET CLOVER

FOR PRICES SEE ENCLOSED BLUE PRICE LIST

Sweet clover seed is considered yellow if it has 20% or more mottled seed;

mixed—1 to 20%, white—less than 1%.

MIXED SWEET. Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. 1 lb., 45c, postpaid.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 45c, postpaid.

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages are greater hardiness as regards a combination of cold and drouth, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. Lb., 45c, postpaid.

HUBAM ANNUAL SWEET CLOVER
Lb., postpaid, 50c.

OTHER CLOVERS

ALSIKE or SWEDISH CLOVER. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. Postpaid, 1 lb., 75c.

MEDIUM RED AND MAMMOTH. These are often badly mixed and we may send a mixture or substitute one for the other. Adapted only to well watered soil free from alkali. Postpaid, 1 lb., 75c.

WHITE LAWN CLOVER. For those who like clover in their lawns we offer this very high quality seed. It should be mixed at the rate of 1 lb. to 5 lbs. of grass seed. May also be scattered on old lawn. Lb., postpaid, \$1.25; 5 lbs., \$5.25. F.O.B. Bismarck.

LADINO CLOVER. Very heavy yielding on irrigated land, high quality. 1 lb., postpaid, \$2.00.

Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 50c, postpaid.

NITRAGIN INOCULANT

Type "A" Alfalfa and Sweet Clover, 1 Bu. size, 55c.

Type "B," Alsike, Red and other Clovers, 1 Bu. size, 55c.

Type "C," Peas, Garden, Sweet, Field, 100 Lb. size, 50c.

Type "D," Field and Garden Beans, 1 Bu. size, 55c.

Type "L," Lespedeza, 100 Lb. size, 55c.

Type "S," Soy Beans, 2 Bu. size, 40c; 5 Bu. size, 60c; 25 Bu. size, \$2.70.

Add 8c
per pkg. for
postage

Garden Size for all Garden Legumes. Enough for 8 Lbs. Seed. Pkg. each, postpaid, 18c.



SEED GRAIN - FOR PRICES SEE BLUE LIST

We expect to carry the varieties of seed grain listed here. We may be able to supply several other varieties which we can list later on our blue price list if available. Prices may change and those on our latest list cover all sales. Send for a copy of our blue list.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance. Always make your own tests of seed grain and field seeds.

SEED WHEAT

MIDA. A highly disease resistant spring wheat from the N. D. Exper. Sta. High yielding, strong and sturdy. **1 lb., 50c, postpaid.**

PILOT-13. A very rust resistant, non-shattering variety which has done very well in our territory. **Postpaid, 1 lb., 40c.**

LEE. A new high quality, good milling wheat, developed at the Minnesota Experiment Station. Possesses as much disease resistance as any of the older strains and is early and a good yielder. **Postpaid, 1 lb., 60c.**

CADET. A new rust resistant beardless spring wheat. A late sort adapted to the northern counties. Introduced by the North Dakota Agricultural College. Suitable for straight combining. **Postpaid, 1 lb., 40c.**

RESCUE. The only variety resistant to saw fly. **Postpaid, 1 lb., 40c.**

RUSHMORE. The new, early, high quality, disease resistant hard spring wheat from the South Dakota Experiment Station at Brookings. **Postpaid, 1 lb., 50c.**

NUGGET. A very early durum developed at N. D. A. C. Ripens early enough to escape most rust damage. **1 lb., postpaid, 50c.**

VERNUM. Another disease resistant durum. A little later and better yielder than Nugget. Best for the western and southern areas. **1 lb., postpaid, 50c.**

SEED BARLEY

TREGAL. This variety from the N. D. Experiment Station is a smooth awned cross from the Trebi, a heavy yielder, it is valuable mainly as a feed variety but with malting possibilities. **1 lb., postpaid, 40c.**

KINDRED or 'L.' A malting barley, high yielding and of good quality. A N. D. variety. **Lb., postpaid, 40c.**

MONTCALM. A new Canadian malting barley. A heavy yielding and high quality variety. **Lb., 40c, postpaid.**

VANTAGE. This is quite a new variety from Canada. It is primarily a feed Barley but sometimes makes malting grade. Has been a very heavy yielder in Ward County and other parts of the State. **Lb., 40c, postpaid.**

PIONEER BRAND FIELD PEAS

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. **Lb., 75c, postpaid.**

TREAT SEED GRAIN . . . SEE PAGE 78

SEED OATS

1 lb., 40c, postpaid

MARION. A product of the Iowa Ex. Sta.; medium early, high yielding white oat, resistant to stem rust and partially to leaf rust. **Also resistant to the new and serious blight disease.**

AJAX. A new Canadian oat which we shall be able to supply. A medium early white variety with good resistance to stem rust and some resistance to leaf rust.

GOPHER. Developed from the Kherson type. Very early and at the same time very heavy yielding. **Not rust resistant.** A product of the Minnesota Experiment Station.

CHEROKEE. A new oat which has been very successful for the past year or so.

JAMES HULLESS. Newest and best of the hulless varieties. A S. D. origination.

SEED FLAX

1 lb., 50c, postpaid

No. B5128. Large brown seed, blue flower. Very late, very resistant to rust and wilt. Very high yielding. Tall and stout. Sow early.

SHEYENNE. Early. Another new rust and pasmo resistant sort. Large and sturdy. Blue flowers and brown seed. Medium tall. Early maturing.

ARROW. A very early and hardy variety from Montana.

GOLDEN. A heavy yielding yellow-seeded variety. Not too tall.

ROCKET. A new Canadian disease resistant variety.

MARINE. A new, very early resistant variety from N. D. A. C.

REDWOOD. A new, heavy yielding, very disease resistant variety from Minnesota.

SPELTZ OR EMMER

SEED SPELTZ or EMMER. This is the ordinary speltz grown throughout the state. **Fine horse, hog, poultry and cow feed.** **Lb., 50c, postpaid.** Sow 60 lbs. to 80 lbs.

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. **Lb., 50c, postpaid.**

RYE

PROLIFIC SPRING RYE. This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type.

WINTER SEED RYE. We hope to supply Soviet, Imperial and Pierre seed rye. These are the hardiest and best varieties for the Plains.

We shall be glad to quote on field seed varieties not listed.

NEW SEAMLESS COTTON GRAIN SACKS @ 75c EACH F.O.B. HERE.

FORAGE CROP SEEDS

Prices are subject to changes without notice.

FOR PRICES ON LARGE LOTS, SEE BLUE PRICE LIST**Hay Millets**

SIBERIAN MILLET. This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 50c, postpaid.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves. Lb., 50c, postpaid.

Hog or Proso Type Millets

CROWN. A new Canadian variety of Proso Millet. In Manitoba trials it has consistently outyielded all other varieties. It is highly recommended by the Brandon Experiment Station. Postpaid, lb., 40c.

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 40c, postpaid.

BROOM CORN or YELLOW PROSO. The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Lb., 50c, postpaid.

DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

This is one of the best plants for hog pasture. May be seeded early in the spring and is ready to pasture in May.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; larger lots @ 18c.

**SUNFLOWER
SEED**

MENNOMITE. This is the larger seeded kind with short stalks, early. Postpaid, 1 lb., 40c; F. O. B. here, 10 lbs., \$3.00; larger lots @ 20c.

COMMON. Valuable as a poultry and parrot food. Postpaid, 1 lb., 35c; F. O. B. here, @ 17c per lb.

EARLY GRAIN SORGHUM

Seed 3 to 5 lbs. per acre.

NORGHUM. A new very early grain sorghum developed at the S. D. Experiment Station. Matured in N. D. even during the past cold and short season. A heavy yielder of high grade feeding grain. Postpaid, lb., 50c.

Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June 1st. Lb., 60c, postpaid.

SWEET-SUDAN. Lb., 60c, postpaid.

CANE OR SWEET SORGHUM

Write for Prices. See Enclosed Blue Price List.

RANCHER LOW PRUSSIC ACID CANE. A new development from South Dakota. The presence of prussic acid has been almost bred out of this strain. In addition it is early and very productive. Postpaid, 1 lb., 60c.

EARLY AMBER. Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Postpaid, 1 lb., 55c.

CHOICE SEED POTATOES

Prices subject to change. Write for our Blue Price List and Prices.

Seed Potatoes will be available in the Spring. We shall have such standard sorts as Early Ohios, Warbas, Triumphs, Kennebecs and Pontiacs, and we hope also to have some other newly introduced sorts.

WRITE FOR OUR SPRING PRICE LIST FOR QUOTATIONS AND VARIETIES.

POTATO EYES

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Price, 100, postpaid, \$1.30; 1000, \$11.00. F.O.B. here, 1000, \$9.50.

GREENHOUSE DEPARTMENT

Our greenhouses are located at 315 Third Street in Bismarck. We invite you to visit them when you are in the vicinity.

North Dakota sales tax applies on all greenhouse products except vegetable plants. All prices subject to change without notice. Because of difficulties in shipping perishable plants, we make no guarantee whatsoever as to their safe arrival, and do not advise shipping them beyond the third zone (300 miles from Bismarck).



Snow White

GLADIOLUS

Each year we try to select twenty varieties which we consider to be about the best of the thousands that are produced. Gladiolus requires well drained soil, and a sunny location. Plant about 5 inches deep after frost danger is past. Corms will last for years if kept in frost-proof storage during winters.

Our bulbs are all No. 1 size—PRICES ARE POSTPAID.

**WILL'S ARISTOCRAT GLADIOLUS
COLLECTION**

A collection of 20 bulbs individually labeled. One each of the varieties listed below. This is the 25th year that we have offered this collection which continues to grow in popularity with each successive year.

20 Named Bulbs

\$1 75

Postpaid

The following bulbs, postpaid, 30c each; 3 of one variety 80c; 12 of one variety \$2.50, 100 of one variety \$15.00.

BARCAROLE. Slightly ruffled large, clear, bright orange.

BURMA. Heavily ruffled deep rose.

CARDINAL SPELLMAN. Reddish violet.

ELIZABETH THE QUEEN. Light mauve lavender beautifully ruffled.

The following bulbs, postpaid, 20c each; 3 of one variety 70c; 12 of one variety \$1.85; 100 of one variety \$10.00.

BLUE BEAUTY. Light blue shading to deep blue at petal edge.

GOLD DUST. Very deep yellow.

LEADING LADY. A giant, creamy white.

MARGARET FULTON. Deep salmon pink. Early Blooming, long lasting.

MISS WISCONSIN. A fine deep lavender rose. Opens 6 to 8 blooms at a time.

ORIENTAL PEARL. Large ivory blooms.

PAUL REUBENS. The finest deep red-purple.

PICARDY. Soft shrimp pink. The standard of fine glads.

PURPLE HEART. Light purple shading to deep purple at the heart.

RED CHARM. One of the best medium reds.

ROSA VAN LIMA. Pure pink on strong stem, and early. An old favorite.

SNOW WHITE. Large fine ruffled snow white.

SPOTLIGHT. Immense clear yellow with red throat.

VALERIA. Large ruffled light scarlet.

WHITE GOLD. Enormous, lightly ruffled cream, blending to gold in throat.

YELLOW HERALD. Early tall amber-yellow with carmine spot in throat and slightly ruffled.

WILL'S PIONEER GLADIOLUS MIXTURE

This is a fine mechanical mixture of choice number one bulbs. It will provide you with an abundance of lovely bouquet flowers through the summer. Postpaid 12 for 85c; 25 for \$1.65; 50 for \$3.15; 100 for \$5.00.



Burma



Mixed Glads

MADEIRA VINE BULBS

A popular, fast growing climbing vine for porch and arbor. Light green foliage. Large dry bulbs, **postpaid, 3 for 60c, 12 for \$1.65.**



Jumbo Pansy

TUBEROUS ROOTED BEGONIA BULBS

Beautiful camellia-like flowers. Grows well in semi-shade. A lovely flower that is coming into increasing favor. Available in red, yellow, salmon, and bronze. Postpaid 45c each, 3 for \$1.10. Also a limited supply of potted plants at \$1.50 each, F.O.B. Bismarck. Shipped express only.

Due to transportation difficulties with perishable plants, shipments are at customer's own risk, and we suggest shipment as far as third zone (300 miles from Bismarck) only.

WILL'S JUMBO PANSIES

These sturdy plants produce mammoth blooms. They should be planted in good garden soil early in the spring. Blossoms are purple, bronze, yellow, red, blue, and bicolor. Assorted colors only. **Postpaid, 95c per dozen; \$6.00 per 100.**

GERANIUMS

From 3 inch pots. Postpaid 70c each; \$7.00 per dozen.

BETTER TIMES. Low growing red with

GREGERSON WHITE. A popular white flat type that blooms well in dark weather.

OLYMPIC RED. Sturdy, low growing plant with large salmon-red blossoms.

ROSINA. Developed at the Great Plains Field Station in Mandan. Double salmon-pink blooms. We highly recommend this geranium.



Olympic Red Geranium

VINES

From 2½ and 3 inch pots. Postpaid, 75c each.

Use vines for indoor or outdoor decoration. They are the natural draperies of your home.

GRAPE IVY. Large leaf resembling grape leaves. Fast growing.

HAHN'S SELF BRANCHING IVY. Good for hanging baskets and wall vases.

PHILODENDRON. Large heart-shaped leaf. A rugged vine.

From 2½ and 3 inch pots. Postpaid, 80c each.

TRADESCANTIA. (Wandering Jew). Fast growing. Available in green, purple and green, or white and green.

VINCA. Good for porch boxes and urns. Both plain and variegated available.

FOLIAGE PLANTS

From 3 inch pots. Postpaid, 75c each.

Write for illustrated leaflet on foliage plants, cactus, and succulents. Fine ornamental house plants for ferneries, dish gardens, and wall vases.

COLEUS. Brilliant foliage for beds, pots, and borders. Green, yellow, and red predominate. Grow in sun for best coloring.

FERNS. *Boston*—the old favorite.

Sprengeri—plum fern.

Plumosus—lace fern.

PEPEROMIA. Shiny round leaf. Both variegated and plain.

SANSEVIERIA. Snake Plant or Mother-in-law's Tongue.

NEPHTHYTIS. Arrowhead plant. Grows in either soil or water.

**ALL DOUBLE PETUNIA**

From 3 inch pots. Postpaid, 75c each, \$7.50 per dozen. Large, frilled, double blooms in assorted colors. Appear early and bloom till late. For window box and border.

GENERAL BEDDING PLANTS

From 3 inch pots. Postpaid, 55c each, dozen, \$5.50. For general bedding purposes, these are the best and most popular: Ageratum, Lobelia, Single Petunia, Salvia, Sweet Alyssum.

TRANSPLANTED BEDDING PLANTS

Postpaid, 75c per dozen; \$2.50 for 50; \$4.50 for 100.

We have available Asters, Snapdragons, Sweet Alyssum, Single Petunia, Salpiglossis, Salvia, and Verbena.

NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON GREENHOUSE STOCK

All Double Petunia

WILL'S DAHLIAS

Among the most colorful and magnificent of summer flowers, dahlias excel for garden display and cutting. Individually wrapped and labeled unless otherwise noted. Cultural directions included with each order.

WILL'S GARDEN CHARM COLLECTION

One each of the six following-named dahlias attractively boxed with colorful label. Each tuber individually wrapped and labeled with planting instructions enclosed. Will make a wonderful gift for the flower enthusiast.

6 Tubers
\$2.55
Postpaid



HILLCREST MANDARIN. Bright red with yellow lines and suffusions. Very showy. Postpaid, each, 65c.

MARGARET W. WILSON. Outstanding creamy white, large, with flowers shaded pink. Postpaid, each, 55c.

MINA BURGLE. Large vivid red. For exhibition or cutting. Postpaid, each, 65c.

ROSE GLORY. Fine rosy lavender, a profuse bloomer. Postpaid, each, 60c.

SANHICANS BLUEBIRD. A rich blue with lavender cast. Large blossom on a stiff stem. Postpaid, each, 55c.

THE COMMODORE. Huge yellow blossom, probably the most popular dahlia. Very showy in garden and when cut. Postpaid, each, 60c.



The President

CAPITAL DAHLIA BARGAIN COLLECTION

This is a mechanical mixture of all colors and types of large flowering dahlias. These tubers represent both new and old varieties where labels have been lost, or where there are too few of a variety to list separately. Packed six unlabeled tubers in attractive box. Postpaid, 6 tubers, \$1.75; 12 for \$3.15.

CANNA BULBS

Grow Cannas for a colorful formal flower bed, or for a tropical effect in your perennial border, try them in groups of three. Dormant 2 to 3 eye divisions. Will grow best in full sun and rich soil.

Postpaid, 3 of one variety, 75c; 6 of one variety, \$1.10; 12 of one variety, \$1.85.

EUREKA. Large waxy-white flowers, green foliage, on 4 ft. plant.

KING HUMBERT. 4½ ft. plant. Bright red with bronze foliage.

THE PRESIDENT. The most popular canna. A 4½ ft. plant with rich, glowing scarlet blooms.

YELLOW KING HUMBERT. Green foliage with large yellow blossoms spotted with red on 4 ft. plant.

POTTED CANNAS. The above varieties are available in 6 inch pots at \$1.50 F.O.B. Bismarck, express shipment only.

TRANSPLANTED VEGETABLE PLANTS

Not shipped beyond third zone (300 miles from Bismarck) except at customer's own risk. Our vegetable plants are grown from the finest seed of varieties best adapted to Northwest conditions.

On plant orders for less than one dozen of a variety, add 15c for additional handling and packing.

Price, based on one variety only, postpaid 70c per dozen, \$4.00 per 100.

CABBAGE, Early. Ready in April and

May. Golden Acre, Copenhagen Market, Red Dutch.

CABBAGE, Late. Ready in June. Danish Ballhead.

Price, based on one variety only, postpaid 75c per dozen, \$4.50 per 100.

CAULIFLOWER. Ready in late April and May. Super Snowball.

CELERY. Utah, and Golden Self-Blanching. Ready in May and June.

EGG PLANT. Black Beauty. Ready in May and June.

GROUND CHERRY. Ready in May and June.

PEPPER. Ready in May and June. King of the North and Early California Wonder.

TOMATO. Ready in May and June. Chatham, Firesteel, Sioux, Victor, and Yellow Pear.



Transplanted Vegetable Plants

Sweet Potato Plants. If available we will furnish Ranger plants. If not, we will substitute another early variety. Sweet potatoes are tropical plants and should not be planted until all danger of frost is past and nights get no colder than 55 degrees. Plants will not be shipped until about June 1st. Cultural directions included. Postpaid 12 for 70c; 50 for \$2.25; 100 for \$4.00.

Pioneer Nursery of the Northwest

BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to replace the stock. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee stock after delivery to transportation Co., but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

No claim can be entered for goods mailed, but a 5¢ fee added to your order will insure a package.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

TREES BY MAIL. We can mail parcels up to 70 pounds.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

North Dakota Customers Must Pay 2% Sales Tax On Nursery Stock

Nursery Prices Marked Postpaid Apply to a Distance of Not Over 600 Miles or to no Zone Beyond the 4th

HARDY SEEDLINGS FOR GROVES, SHELTER BELTS, WINDBREAKS, HEDGES

	100	500	1000	SIBERIAN ELM	100	500	1000
GREEN ASH	\$2.50	\$12.00	\$22.00	12-18 in.	\$3.50	\$14.00	\$27.00
6-12 in.				18-24 in.	5.00	18.00	35.00
12-18 in.	2.75	13.00	24.00	2 to 3 ft.	10.00	40.00	75.00
18-24 in.	4.00	18.00	34.00				
BOX ELDER	10.00	40.00	65.00	CARAGANA	6-12 in.	2.50	12.00
					12-18 in.	5.50	22.00
COTTONWOOD	.90	3.65	7.00		18-24 in.	6.00	40.00
6-12 in.				RUSSIAN OLIVE	6-12 in.	5.00	24.00
12-18 in.	1.70	8.00	12.00		12-18 in.	7.00	32.00
18-24 in.	2.00	9.00	14.00	WILD PLUM	8.00	32.00	60.00
DIAMOND WILLOW	2.25	10.00	18.00	OAK SEEDLINGS	18-24 in.		
CUTTINGS	1.20	3.75	7.00				
AMERICAN ELM	2.00	9.50	18.00				
6-12 in.							
12-18 in.	3.25	14.00	27.00				
18-24 in.	4.50	21.00	40.00				

For Shelter Belts and Windbreaks, Plant About 800 Trees Per Acre

NUT BEARERS

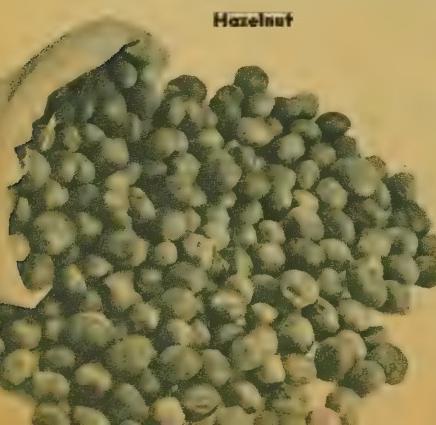
BLACK WALNUT (*Juglans niger*). One of the few nut trees that we can grow in North Dakota and then only from the hardest stock. Price, 3 to 4 ft., \$1.00.

BUTTERNUT. A trifle hardier than the walnut and a handsome tree. Price, 3 to 4 ft., each, \$1.00.

HORSE CHESTNUT. The truly hardy and beautiful Ohio Buckeye, grown by us for many years. Price, 18 to 24 in., \$1.00.

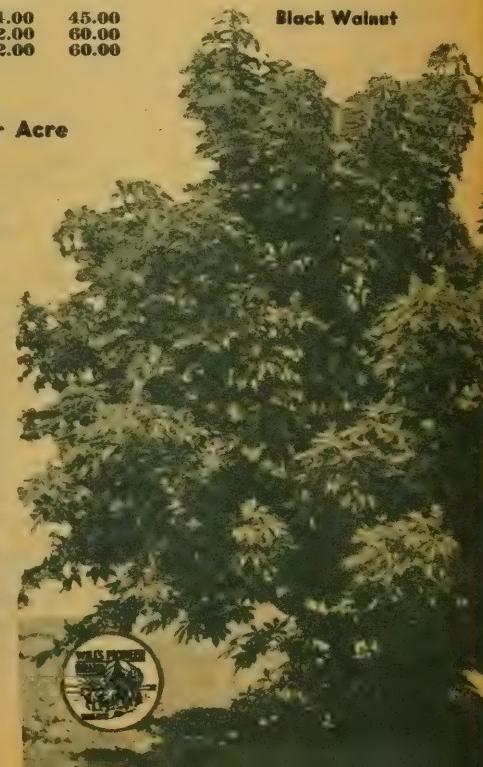
HAZELNUT. The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the *rostrata* and *americana*. These cannot be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price, 18 to 24 in. transplants, each, 65¢; 5 for \$3.00.

Hazelnut



BURR OAK The native, sturdy, very long lived Oak tree which is the hardest of all our deciduous trees. Under favorable conditions grows 3 ft. or more per year. 18-24 in. each, 30¢; 10, \$2.50; 3-4 ft., each, 50¢; 10, \$4.50.

Black Walnut



SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F.O.B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

STATE OF NORTH DAKOTA	
DEPARTMENT OF AGRICULTURE AND LABOR	NURSERY INSPECTION DIVISION
Three College Station 1-1 Fargo, North Dakota	August 18, 19
Certificate of Inspection	
This is to Certify, That the nursery stock of Oscar H. Will & Co., located at Bismarck, North Dakota has been examined by a duly authorized inspector of this Department and found apparently free from injurious insects and plant diseases.	
This certificate is void after September 18, 19	
MATH DAHL, Commissioner	<i>R. L. J.</i> Act Secy Executive <i>Paul F. Gossell</i> Inspector
Buy "Dakota Gold" Plan	

HARDY EVERGREENS

for the NORTHWEST



Bull Pines at home in the Montana Hills



Black Hills Spruce



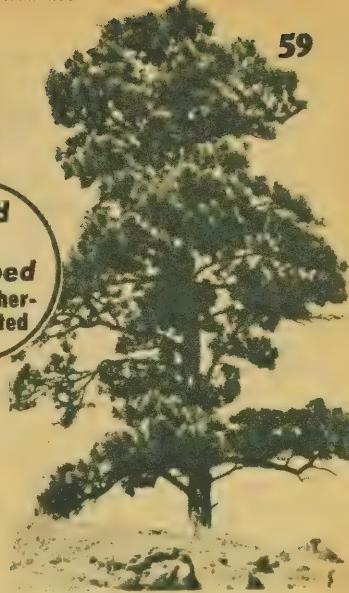
Bad Lands Cedar

N. D. BULL PINE

(*Pinus scopulorum*)

One of the handsomest, sturdiest and most lasting of all our native shade trees. Perfectly hardy, a native of our Bad Lands country where it climbs to the summits of the hills and buttes. 12 to 18 in., each, \$2.00.

Balled
and
Burlapped
Unless other-
wise stated



Bull Pines at home in the Montana Hills

BLACK HILLS SPRUCE

(*Picea Albertiana*)

Perhaps our most valuable evergreen for general planting in the Great Plains. A 50 ft. high shelter belt $\frac{1}{4}$ mile long stands at the U.S. Great Plains Field Station at Mandan. Drouth resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Several times transplanted. Price: 12 to 18 in., each, \$2.00; 18 to 24 in., each, \$3.75; 2 to 3 ft., each, \$5.50; 3 to 4 ft., each, \$11.00.

COLORADO SPRUCE

(*Picea pungens*)

Trees shade from dark green to blue. Not only the most beautiful of the spruces but one of the hardiest, being fully the equal of the Black Hills. Thrives in country windbreak or on town lawns. Several times transplanted. Prices: 12 to 18 in., each, \$2.80; 18 to 24 in., each, \$4.00.

SELECTED BLUE SPRUCE

Best colored blue selected from the Colorado spruce. Limited stock. 18 to 24 in., each, \$5.00; 2 to 3 ft., each \$8.00.



Colorado Spruce

N. D. BAD LANDS CEDAR

(*Juniperus scopulorum*)

Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardest evergreen under most severe conditions and very ornamental, too. Price: Balled and burlapped, 12 to 18 in., \$3.00.

GOLDEN JUNIPER

A Bad Lands Juniper selection discovered by Mr. J. H. Gerbracht and propagated from cuttings. A beautiful golden color. Each, 12 to 18 in., \$4.50.

SCOTCH PINE

(*Pinus sylvestris*)

Ours are grown from hardy Finnish seed. A fast-growing and very handsome pine, very cold resistant. 18 to 24 in., \$2.00.

BUSH JUNIPER

(*Juniperus communis*)

A hardy native evergreen shrub outstanding for foundation planting and similar purposes. 6 to 12 in. spread, each, \$3.50.

EVERGREEN SEEDLINGS

COLORADO SPRUCE. Fine healthy seedlings of this hardy evergreen. Price: 6 to 9 in. transplants, 25, \$5.00; \$16.00 per 100.

BLACK HILLS SPRUCE. 6 to 9 in. seedlings, 25, \$5.00; 100 for \$16.00.

Since Evergreens must be shipped later than many other items, they will be sent separately unless otherwise instructed.



Bush Juniper

SHADE AND ORNAMENTAL TREES

DROPMORE or HARBIN ELM. This is an extremely hardy selection of the Siberian Elm, grown from seed which came from far north in Asia and selected in Manitoba. It has proven to be absolutely hardy under all conditions and to possess all the other good qualities of the common Chinese or Siberian Elm. Seedlings, 18 to 24 in., each, 30c; 100, \$25.00. 2 to 3 ft., each, 85c; 5 for \$4.00; 10 for \$7.50; 3 to 4 ft., each, 90c; 5 for \$4.25. Prices F.O.B. Bismarck.

CHINESE or SIBERIAN ELM. As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort.

The occasional winter damage explains why we have steadily refused to recommend this tree as a street or lawn tree. In spite of the winter injury, which has occurred only once every 15 or 20 years, we still feel that this very fast growing and drought resistant tree possesses great value in the Great Plains. Even if it has to be cut back to the ground it will recover in a year or so and produce more new growth than could be obtained in the same time by replanting with any other tree. Seedlings, 12 to 18 in. & 18 to 24 in., see page 59. 3 to 4 ft., each, 43c; 10 for \$4.00; 4 to 6 ft., each, 75c; 10 for \$7.00; 6 to 8 ft., each, \$1.00; 10 for \$9.00.

AMERICAN ELM (*Ulmus Americana*). Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. 2 to 3 ft., each, 25c; doz., \$2.50; 3 to 4 ft., each, 55c; 4 to 6 ft., each, 65c; 6 to 8 ft., each, \$2.25. For seedlings, see page 59.

GREEN ASH. Our native ash, drought, cold, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 feet per year. For seedlings, see page 59. 4 to 6 ft., each, 75c; 10 for \$6.50; 6 to 8 ft., each, 85c; 10 for \$7.50.

MAPLE

BOX ELDER or MANITOBA MAPLE. Hardest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. Seedlings on page 59. 4 to 6 ft., each, 40c; 10 for \$3.75; 6 to 8 ft., each, 75c; 10 for \$7.00.

GINNALA MAPLE. A handsome small tree with typical maple foliage, extremely hardy. Takes on gorgeous fall colors. 2 to 3 ft., each, 80c; 5 for \$3.50.

NORTH DAKOTA COTTONWOOD (*Populus deltoides*). The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past periods of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest. We have been headquarters for cottonwoods for seventy years. Prices: for seedlings, see page 59. 3 to 4 ft., each, 15c; 10 for \$1.25; 4 to 6 ft., each, 40c; 5 for \$1.75; 6 to 8 ft., each, 75c; 10 for \$7.00.

NORTHWEST POPLAR. A very handsome, hardy and quick growing poplar native to N. D. Said to be a cross between Balm of Gilead and Cottonwood. Price, 3 to 4 ft., each, 40c; 10 for \$3.50; 4 to 6 ft., each, 80c; 10 for \$7.75; 6 to 8 ft., each, \$1.20; 10 for \$11.00.

POPLAR, SILVER-LEAVED. Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price: 3 to 4 ft., each, 70c; 5 for \$3.25; 4 to 6 ft., each, \$1.25.

POPLAR BOLLEANA. One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy. Silvery bark and silver lined, maple shaped leaves. Price: 3 to 4 ft., each, 85c; 5 for \$4.00.

AMERICAN LINDEN or BASSWOOD. A beautiful shade tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price: 4 to 5 ft., each, \$2.00.

MOUNTAIN ASH (*Sorbus Aucuparia*). Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price: 4 to 5 ft., each, \$2.75.



Siberian Elm



American Elm



5 year old Cottonwoods

in Shelter Belt



American Linden



Green Ash



Silver Leaved Poplar

OSCAR H. WILL & CO., BISMARCK, NORTH DAKOTA

CUT LEAF WEEPING BIRCH. Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$4.00.

NIobe WEEPING WILLOW. Hardest of the type. Graceful, yellow bark, fast growing. 3 to 4 ft., each, \$1.00.

HARDY SIBERIAN RED OR BRITZENSIS WILLOW. One outstanding ornamental with bright red bark all winter and a bronze color when in leaf. Extra hardy and drought resistant. Useful as a shrub or for a screen. Price, 2 to 3 ft., each, 40c; doz., \$3.50.

GOLDEN WILLOW. Our selected hardy strain of this old favorite. 2 to 3 ft., each 30c; 10, \$2.75.



Niobe Weeping Willow
Jr. College grounds at Glendive, Mont.



Cut Leaf Birch
Jr. College grounds at Glendive, Mont.

FLOWERING AND ORNAMENTAL SHRUBS

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings. Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cutback before mailing.

LOW GROWING OR DWARF SHRUBS (2 to 3½ ft.)

DWARF SIBERIAN FLOWERING ALMOND. Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to

24 in. each, 50c; 10, \$4.75;
2 to 3 ft., each, 75c; 10, \$6.50.



Siberian Flowering Almond

DWARF GOOSEBERRY. First plant to leaf out in the Spring. Small, compact and handsome. One of Dr. Yeager's originations. 12-18 inches. Each, 50c; 5 for \$4.50.

SIBERIAN ALPINE CURRANT. A handsome dwarf shrub with red berries and shiny leaves. 12 to 24 in., each, 60c; 10, \$5.50.

CISTENA—A PURPLE LEAVED SAND CHERRY. Another handsome, bright purple leaved plant from Prof. Hansen's Laboratory. Very effective in a mixed shrubbery planting. Each, 2 to 3 ft., \$1.00.

CARAGANA PYGMEA. The very dwarf type with large yellow flowers in June. Seldom grows over 3 ft. high. Neat and regular habit.



Pygmy Caragana

Our nearest shrub to the brooms and heaths. Price, 12 to 18 in., each, 50c; 10, \$4.50.

BUFFALO or BULLBERRY (Shepherdia argentea). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant. 3 to 4 ft., each, 75c; 10, \$7.00.

TALLER SHRUBS

ARTEMISIA or OLD MAN. A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery thick foliage. Should be cut back each year. Price, 18 to 24 inch, each, 45c; 10, \$4.00.

HIGH BUSH CRANBERRY (Viburnum americanum). Native of North Dakota. Maximum height, 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., 75c; 10, \$7.00.

PRairie ALMOND. A prunus triloba cross from the Morden Station. Each, 90c.



Buffalo Berry

GOLDEN or BUFFALO Currant. This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Does well in shady spots. Large black fruits make excellent preserve. Price, 18 to 24 in., each, 75c; 10, \$7.50.

HAWTHORN (Crataegus). Most effective and beautiful. A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 12 to 18 in., each, 50c; 10, \$4.50.

MINN. HYBRID HAWTHORN. Entirely new ornamental shrubs from Minn. plant breeders. Very handsome both in flowers and fruit. Each, \$2.00.

MIXED TARTARIAN HONEYSUCKLE

May flowering, very hardy, and striking. Shrub 5 to 8 ft. high, good as a hedge also. Blooms in pink, white and red. Extremely fragrant. 18 to 24 in., each, 50c; doz., \$5.00.

RED HONEYSUCKLE. An all red Tartarian selection. 18 to 24 in., each, 60c; 10, \$5.50; 2 to 3 ft., each, 70c.



Honeysuckle



Prunus Triloba

PRINSEPIA SINENSIS. A handsome, thorny shrub. Grows to five feet, very bushy, delicate yellowish bloom in May, followed by bright red, cherry-like fruit. Very thorny and adapted for hedges. 12-18 in., each, 50c; 10, \$4.50.

FRAGRANT HONEYSUCKLE. A compact bush, leaves dark green, flowers whitish. Very fragrant. Price, 18-24 in., each, 45c; doz., \$4.50.

MORROWI HONEYSUCKLE. Similar to Tartarian but more graceful and smaller. Color, cream white. 18 to 24 in., each, 45c; doz., \$4.50.

MAY DAY TREE. Earliest blooming of shrubs, it presents a cloud of graceful white sprays of cherry-like flowers to welcome the spring. Striking and beautiful. A Siberian species and very hardy. 2 to 3 ft., each \$1.00.

PHILADELPHUS, MINN. SNOW FLAKE (Mock Orange). This beautiful, large, double-flowered

syringa when planted in a protected spot is very satisfactory. One of the newest of the modern hybrids. Each, 2 to 3 ft., \$1.65.

PRUNUS TRILoba (Double flowering plum—Chinese Rose Tree). Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, \$1.40.

RED DOGWOOD. As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 2 to 3 ft., each, 50c; 10, \$4.50.

GOLDEN ELDER. One of the most useful of the golden shrubs. 18-24 in., each, 70c.

RED BERRY ELDER. From Canada. Very hardy. Handsome clusters of white bloom followed by masses of red berries. 4 to 5 ft., each, 75c.

SILVERBERRY. Valuable for contrast because of its silvery color. Height, 3 to 5 ft., small, very fragrant yellow blossoms in June. A native. Price, 12 to 18 in., each 50c.

SNOWBALL. (*Viburnum Opulus sterilis*). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 95c.

SHEEP BERRY (Viburnum lentago). Flat clusters of small, white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 3 to 4 ft., each, 60c; 10, \$5.50.

SMOOTH SUMAC. A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 60c; 10, \$5.50.

FRAGRANT SUMAC. A broad, dark leaved native with very fragrant leaves and many bright round red berries in the fall. Grows 4 to 6 ft. tall. Very hardy. 12 to 18 in., each, 50c; 10, \$4.50.

SALT TREE or HALIMODENDRON. A shrub to 6 ft., bears a mass of lavender bloom in June. Foliage silvery. Each, 2 to 3 ft., 70c.

WAHOO BUSH (Burning Bush). A native euonymus. Fruit resembles bitter-sweet with purple instead of scarlet. 2 to 3 ft., each, 75c; 5 for \$3.50.

PRUNUS JAPONICA. A graceful shrub with pale pink blossoms in profusion followed by bright red cherries which make fair jelly. 12-18 in., each, 50c; 10, \$4.50.

Fragrant Honeysuckle



Fragrant Sumac



Sheep Berry



Red Dogwood



Snowbell

LILACS



Purple Lilac

PURPLE LILAC. The old favorite, one of the hardiest. Each, 18 to 24 in., 60c; 10, \$5.75.

PERSIAN LILAC. Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 60c; 10, \$5.75.

VILLOSA LILAC. A rugged variety globular in shape. 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 18 to 24 in., each, 85c.



French Hybrid Lilac

FRENCH HYBRID LILACS

CHARLES X. Color between lilac and violet, clusters of tremendous size. May blooming French hybrid. One of the favorites. Price, 18 to 24 in., each \$1.20.

EDITH CAVELL. This is recognized as the outstanding hybrid white lilac so far introduced. 18 to 24 in. Each, \$1.20.

LUDWIG SPAETH. A handsome single dark red of the French hybrid type. Blooms in May. 18 to 24 in. Each, \$1.20.

PRES. GREVY. The best of the blues. A fine, large double. Blooms in May. 18 to 24 in. Each, \$1.20.

CONGO. An extra large flowered lilac in a striking wine red color. May blooming. 18 to 24 in. Each, \$1.20.



Hiawatha Lilac

NEW CANADIAN LILAC VARIETIES

Prices for All; Each, \$1.20 F.O.B. Here

HIAWATHA. A very late bloomer, being a cross upon the Villosa species. Color, rose red, heavy clusters.

POCAHONTAS. Another Skinner dilatata hybrid. Flowers dark purple in large clusters of single blossoms.

HEDIN. Large loose, graceful panicles of white to pinkish white bloom. Very fragrant. A Villosa hybrid, blooms in late June.

SPIREA

KOREAN SPIREA (*Spirea trichocarpa*). Blooms after Van Houtte with large flowers and heavier clusters. Hardest of the type, graceful. A real addition to your planting. 18 to 24 in., each, 70c; 5, \$3.25.

VAN HOUTTE or BRIDAL WREATH. This established favorite with its masses of white flowers in May needs no long description. 18 to 24 in., each 60c; 10, \$5.50; 2 to 3 ft., each, 70c; 10, \$6.50.



Van Houtte

SORBARIA. Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each 70c.

FROEBELLI. The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height 30 inches. Price, 18 to 24 in., each, 70c; 5, \$3.25.

OPULIFOLIA (Ninebark or Hardhack). One of the hardest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 75c.

BILLARDI PINK. This is an August blooming species, 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each 70c; 5, \$3.25.

MEADOW SWEET. A white blossom sort, mid-summer blooming, similar to Billardi — the only N. D. Native Spirea. Each, 18 to 24 in., 60c; 5 for \$2.75.



Korean Spirea



Korean Spirea

HARDY HEDGE PLANTS

SIBERIAN PEA (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. 6 to 12 in., 10, 30c; 100, \$2.50; 500, \$12.00; 1000, \$22.00; 12 to 18 in., each, 12c; 10, 60c; 100, \$5.50; 18 to 24 in., each, 15c; 100, \$6.00; 2 to 3 ft., each, 18c; 10, \$1.50.



Russian Olive

RUSSIAN OLIVE (*Elaeagnus angustifolia*). A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. 6 to 12 in., each, 10c; 100, \$5.00; 12 to 18 in., each, 15c; 100, \$7.00; 2 to 3 ft., each, 20c; 100, \$15.00.



Siberian Elm Hedge

BUCKTHORN. Both *Cathartica* and *Dahurica*. A slow growing, very hardy and handsome hedge. Requires moisture and good soil. 12 to 18 in., each, 15c; 100, \$13.50.

HARBIN ELM. Hardiest form of Siberian Elm, does not winterkill and grows rapidly. 12 to 18 in., each, 25c; Doz., \$2.75; 100, \$22.00.

BUFFALO OR BULL BERRY. A handsome native with silvery foliage and bearing masses of bright red berries, good for jelly. 2 to 3 ft., each, 25c; Doz., \$2.60; 50, \$11.00.

SIBERIAN ELM. 2 to 3 ft., 100, \$10.00.

BAD LANDS CEDAR (*Juniperus scopulorum*). The ideal evergreen hedge for the Northern plains. 6 to 10 in., 50, \$21.00; 100, \$40.00.

COTONEASTER (*Acutifolia*).

Perhaps the handsomest hardy, low growing hedge. Replaces well the privet grown farther south. 6 to 12 in., each, 30c; 10, \$2.75.



SIBERIAN ALPINE Currant. Hardiest strain of this perfect dwarf type hedge plant. Disease-free and easily kept as a low compact hedge. Each, 60c; 10, \$5.50.

PRINSEPIA. Beautiful but thorny and almost impenetrable. 12-18 in., each, 30c; 5, \$1.25.



Siberian Pea

ORNAMENTAL VINES

WILD GRAPE. One of the most handsome as well as useful vines. Each, 35c; doz., \$3.50. Postpaid, each, 50c.

WOODBINE or VIRGINIA CREEPER. The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 50c; 10 for \$4.75. Postpaid, each, 70c.

ENGLEMANN'S CREEPER. Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other supports. Price, each, 60c; 10 for \$5.50. Postpaid, each, 75c.

MENISPERMUM. A half woody climber whose handsome leaves resemble ivy. Does well in shade, prefers rich soil. Grows 10 ft. in a season and kills back part way. Price, each 50c. Postpaid, each, 60c.

BITTERSWEET. A native of great hardness. To assure berries several must be planted, as the plants are single sexed.

Noted for the beautiful shape and color of the berries in fall. Price, each, 60c; 5 for \$2.50. Postpaid, each, 70c.

CLEMATIS, JACKMANII—LARGE FLOWERED PURPLE. One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.25; 5 for \$5.25. Postpaid, each, \$1.50

CLEMATIS, WHITE or VIRGIN'S BOWER. Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each 60c; 10 for \$5.50. Postpaid, each, 65c.

YELLOW CLEMATIS. A handsome, hardy vine with a large yellow blossom shaped like Jackmanii. Each, 50c; 5 for \$2.25. Postpaid, each, 65c.

NATIVE HOP VINE. A fast growing ornamental perennial vine, growing 10 to 20 ft. in a season. Dies down to the ground over winter. Price, each, 50c; 5 for \$2.25. Postpaid, each, 60c.



Hop Vine



Woodbine or Virginia Creeper



Engelmann's Creeper

HARDY ROSES—Perpetual Bloomers

The only really hardy bloomers of the Perpetual or repeating type are the Rugosa Hybrids.

SIR THOMAS LIPTON. Best of the white Rugosa Hybrids. Two to 3 ft. tall, covered with a multitude of large, very double blooms most of the summer. Each, \$1.35.

HANSA. Hardiest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each \$1.35.

SARAH VAN FLEET produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 ft. tall. Each, \$1.35.

AMELIE GRAVEREAUX. A smaller and more delicate plant. Flowers most double of the rugosa hybrids, bright red in color. Resembles a tea rose. Best of the class for cutting. Each, \$1.50.

GROOTENDORST, the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red flowers are borne in clusters and resemble carnations in appearance. Each, \$1.45.

BELLE POITEVINE is a sturdy, strong-growing pink rugosa hybrid, bearing large bright pink, very double flowers. Each, \$1.45.



Belle Poitevine



Hansa

GRUSS AN TEPLITZ. An extra hardy hybrid dark red perpetual rose that has been sold under the names of Prairie Queen, Prairie King, etc. It requires a little winter protection, but can be cut back in the spring and blooms on new wood. Price, each, \$1.50.

JUNE BLOOMING

June blooming roses are the hardiest of all and require no protection at all so far as the hardy varieties which we list are concerned.

BETTY BLAND. An outstanding landscape rose from Manitoba. Bears large double pink blossoms profusely in June. Completely hardy, tall growing with brilliant red bark to help out with color in the Winter. Each, \$1.40.

HARRISON'S YELLOW is perhaps the best known and most common June bloomer. 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, \$1.50.

DAKOTA PRAIRIE ROSE (rosa pratina) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 60c; 5 for \$2.75.



Amelie Gravereaux

Dakota Wild Rose



LANDSCAPING SERVICE

landscaping and planting service in the Bismarck-Mandan area. IF YOU LIVE OUTSIDE THIS AREA, OR IF YOU WISH TO DO YOUR OWN PLANTING, our landscape department offers the following service: We will draw up a plan for landscaping your property, complete with planting key, instructions, and estimated cost.

The charge for a lot up to 100 x 150 feet is only \$10.00, and for up to 150 x 300 feet, \$15.00. The \$10 fee will be entirely credited on nursery stock order for \$70.00 or more, and the \$15.00 fee will be credited on orders of \$100.00 or more of nursery stock. Write Landscaping Department, Box 600, Bismarck, North Dakota, enclosing remittance, and we will send questionnaire and graph paper so you can give us your basic layout and indicate preferences as to plants and trees.

OUR LANDSCAPING DEPARTMENT WILL NOT TAKE ANY ORDERS FOR THE ABOVE PLANNING AFTER MARCH 1st, 1954.



Harrison's Yellow

FLOWERING PERENNIALS



Hardy Mums

Really Hardy Fall Flowering Chrysanthemums

These extra hardy mums in a varied riot of colors have been secured by us from the Bureau of Plant Industry, U. S. D. A., North Platte, Nebraska Sub-Station, from the Minn. Exper. Sta., from the Great Plains Horticultural Station at Cheyenne, Wyo. and from Canada.

They bloom well into October after all other flowers are gone. Price, each, 60c; doz., \$6.00; postpaid, each 75c; doz., \$7.50.

LESHARA. An outstanding cushion type, early, frost resistant red.

ARAPAHOE. A little later but very cold resistant. Tall, red, bush type.

FLICKA (S-37). Compact plants, rosy bronze color, adapted to higher altitudes and short seasons.

DAKOTA (S-27). Cushion type, double bronze flowers. Extra hardy.

ARIKARA (S-5). Early, red bronze, semi-double, heavy bloomer.

HIDATSA. Cushion type—very early, very hardy dark red mum. Outstanding.

WHITECLOUD. Sturdy plant, very large white flowers with cream centers. Somewhat frost resistant. Winter hardy.

TECUMSEH. Cushion type; color, reddish pink. Early, very prolific. Frost resistant.

OSCEOLA. Wind resistant and sturdy. Large flowers adapted to cutting. Yellow with copper shading. Early.



Bellamosa

Hybrid Delphinium

WYOMING WHITE. Very early. Small bushes. White with yellow centers.

PINK CUSHION. A low, compact light pink from Canada. Outstanding among all these varieties for its perfect hemisphere of lovely pink blossoms in mid September.

OGLALLA. A tall, dark red, mid-season.

MOONGLOW. Creamy yellow, early, dwarf.

WINOOSKI. Latest of all. Very profuse double white.

OVERLY. Cushion type, large and thrifty, medium early. Bronze yellow color.

ROZA. A vigorous cushion type, early but large. Bright rose color.

HARDY CANADIAN PERENNIAL PHLOX

Each, 60c; doz. \$6.00. Price postpaid, 70c; dozen, \$7.00.

PYRAMID. A pure white phlox whose blooms come in tall solid cones of flowers.

DELPHINIUM

Prices, each, 45c; doz., \$4.50; postpaid, each 55c; doz., \$5.50.

BELLADONNA. 4 to 5 ft. Long spikes, pale blue flowers.

BELLAMOSA. The dark blue, slender type, 24 to 48 in.

HYBRID. Extra large, double, long spiked plants in various shades and tones.

PERENNIAL ASTERS

Prices of varieties listed below, each 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

Fall Blooming

DAKOTA PINK. A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

DAKOTA BLUE. Same as the pink but with a clear blue color.

SHADY PLACE. A native which grows 3 ft. tall, thrives in shady spots and bears numerous brilliant blue flowers.

MICHAELMAS DAISY. This is a cross between our native Shady Place and an English Aster. Tall, almost lavender, late blooming.

GOLDEN (chrysopsis). Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

GARLAND. Blooms late August. Flowers in festoons of white on slender stems.

NEW ENGLAND BLUE. A tall late bloomer and very showy aster.



Pyramid Phlox



THE PEONY

Queen of All
Flowering Perennials

FINE MIXED PEONY ROOTS

A mixture of good named varieties. Each, 60c; 12 for \$6.00;
postpaid, each, 70c; dozen, \$7.00.

Felix Crousse

PINKS

CLAIRE DUBOIS. A late, very double, rose pink peony, very large. Each, \$1.00.
Postpaid, each, \$1.20; 5 for \$5.50.

SARAH BERNHARDT. A large mid-season beauty, apple blossom pink. Each, \$1.00. Postpaid, each, \$1.20.

MONS. JULES ELIE. Light rose pink. Early rose type. Largest flowers of all pink peonies, and very popular. Each, \$1.20. Postpaid, each, \$1.40.

WALTER FAXON. A mid-season delicate shell pink of high rating; strong stems and many flowers. Each, \$1.00; postpaid, each, \$1.20.

REDS

FELIX CROUSSE. Blossoms late, mid-season, a bright rich ruby red—a heavy bloomer and excellent for cutting. Each, 90c; 5 for \$4.30; postpaid, each, \$1.10; 5 for \$5.00.

KARL ROSENFIELD. Early mid-season, dark red rose type. Each, 90c; 5 for \$4.30; postpaid, each, \$1.10; 5 for \$5.00.

MARY BRAND. Listed as one of the dozen best reds. Mid-season, rose type, heavy bloomer. Each, \$1.25; 5 for \$5.25; postpaid, each, \$1.50.

MONS. MARTIN CAHUZAC. Nearest to a black peony. Dark purple with yellow stamens. Mid-season. Semi-rose type. Each, \$2.75; postpaid, each, \$3.00.

PHILLIPPE RIVOIRE. Probably the finest of red peonies. Rich, dark red, very firm, rose type bloom, late bloomer. Each, \$2.20. Postpaid, each, \$2.50.

WHITES

FESTIVA MAXIMA. White, one of the largest of all peonies. Usually carries a crimson fleck at the center. Early rose type. Each, 95c; 5 for \$4.50; postpaid, each, \$1.15; 5 for \$5.60.

MADAME de VERNEVILLE. A lovely early white with bomb shaped blooms and flecks of red at center. Each 80c; 5 for \$3.90; postpaid, each, \$1.00; 5 for \$4.50.

COURONNE D'OR. A late bloomer. Bears very heavily; a beautiful white with a circle of golden stamens, and the

HANDY PEONY SUPPORTS
Keeps the flowers off the ground.
Price, each, 90c here; \$1.20, postpaid.



Festiva Maxima

latest peony to bloom . . . a perfect finish to the peony season. Each, \$1.00; 5 for \$4.75; postpaid, each, \$1.20.

SOLANGE. One of the most perfect of all peonies. Late, with a rating of 97. Creamy white with a tinge of smoky salmon pink at the heart. A very perfect flower and extremely compact. Each \$1.20; postpaid, each \$1.40.

LE CYGNE—Rating of 9.42. Ivory tinged white. Early, fragrant, large. Dark green foliage. Rose type. One of the tops. Each, \$2.75; postpaid, \$3.00.

IRIS for the Great Plains

FINEST MIXED IRIS. Contains many outstanding varieties. The best mixture we have ever offered. Do not miss this bargain. Each, 30c; dozen, \$3.50; postpaid, each, 35c; dozen, \$3.75.

TALL BEARDED IRIS

Price each, 45c; dozen, \$4.50; postpaid, each, 55c; dozen, \$5.50, except as noted.

GENTIUS. Very large, early bloomers. Handsome purple. Very hardy, very prolific.

CRYSTAL BEAUTY. (J. Sasse, 1936). A large-flowered self of pure white. Tall, well branched.

PINK OPAL. A tall, large flowered Iris of pink or lilac tone. Hardy and a good bloomer.

RAMESSES. One of the very finest of all Iris—golden buff and pink, with a large

sturdy growth and many blooms.

AMBERA. An early, hardy Iris. Pale yellow color, 30 in. high.

AMITOLA. Delicate blend of pink and rose. Very unusual.

JEAN CAYEUX. 36 in. tall. One of the most distinctive, a blending of different shades of brown.

OUTSTANDING NEW IRISES

SABLE. A uniform shade of blue-black-violet with blue beard; large flower on tall stalks. Each, \$1.00; postpaid, each, \$1.15.

CASA MORENA. Glowing deep rich coppery brown. Large flower; solid self. Each, \$1.00; postpaid, each, \$1.15.

RANGER. An outstanding late blooming Iris of the red shades; large flowered self of distinctive coloring. Each, \$1.20; postpaid, each, \$1.35.

INTERMEDIATE IRIS

Prices, unless otherwise quoted: Each, 40c; dozen, \$4.00. Postpaid, each, 48c; dozen, \$4.80.

These bloom about half way between the early dwarf and tall bearded sorts. Most autumn flowering varieties belong to this class.

AUTUMN KING. With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color.

WHITE AUTUMN KING. A beautiful white intermediate that usually blooms well in the Fall.

ZWANENBURG. Crimson and maroon, a very heavy producer and very early.

YLO. A lovely, free blooming bright yellow variety to make up our color selection.

DWARF EARLY IRIS

DARK BLUE PUMILA. A very handsome early dwarf Iris, 6 to 8 inches tall. Blooms in early May. Very hardy. Each, 22c; dozen, \$2.20; postpaid, each, 33c; dozen, \$3.00.

FAIRY. Another lovely extra early Iris, very hardy, a profuse bloomer, a fine pale blue in color. Each, 25c; dozen, \$2.50; postpaid, each, 35c; dozen, \$3.50.

PIONEER IRIS COLLECTION

ONE EACH of Gentius, Ambera, White Autumn King, Zwanenberg and Dwarf Blue Pumila. \$1.25; postpaid, \$1.50.



Kansas Ingleside



Blue Pumila

LILIES

for the Northern Plains

Prices unless otherwise quoted: Each, 45c; dozen, \$4.50; Postpaid, each, 58c; dozen, \$5.80.
SCOTTIAE. 2 to 3 feet tall. Bright orange flowers facing outward. Blooms in July. Each, 55c; dozen, \$5.50; Postpaid, each, 75c.

PHILADELPHICUM HYBRID NO. 12. One of F. L. Skinner's Flame Lily crosses from Canada. Very hardy; blooms in late June and July. A striking orange colored, July blooming lily. 18 to 24 in. tall.

PHILADELPHICUM OR WILD LILY. A form of our native Flame Lily from Canada. Very hardy; blooms in late June and July, when they streak the low prairies with red splashes.
SINGLE TIGER LILY. Bloom in late July, 2-4 feet. The old favorite, very hardy.

DOUBLE TIGER LILY. Blooms several weeks later.

BLACKBERRY LILY. A small lily with mottled red flowers, 2 to 3 ft. tall, foliage resembles iris. Blooms through July. Postpaid, each, 40c; dozen, \$4.00.

CORAL OR TENUIFOLIUM. Blooms in May and June. Spikes 18 in. to 2 ft. tall, bear numerous bright red flowers, facing down and with reflexed petals. Native of Siberia.



Philadelphicum No. 12

Tiger Lily



Day Lily

late July.

AMABILE. A small early variety.

IXIOLIRION. A very early lily-like bloom which appears with the Crocuses.

LILY OF THE VALLEY. The outstanding early flower for shady spots. F. O. B. here, clumps, each, 50c; dozen, \$5.00; postpaid, each, 60c; dozen, \$6.00.

HEMEROCALLIS OR DAY LILIES

Hardiest of perennials—Great favorite in Alaska gardens

DUMORTIERI. An early species, orange brown.

MARGARET PERRY. Orange scarlet. Very striking.

KWANSO. Strong plants with large blooms. Bright gold in color with crimson star in the throat.

MIKADO. Sturdy plants, dark red flowers.

GOLD DUST. Tall, strong stalk with rich yellow flowers.

THUNBERGII. Very early, hardy, bright yellow, fragrant.

SERENADE. Light yellow and pink combination. Tall stem.



Dauricum

Popular Flowering Perennials

Prices unless otherwise quoted: postpaid, each, 50c; dozen, \$5.00.

ACHILLEA. The Pearl. White, aster-like blooms June-Sept. 18 in.

BABY'S BREATH. Standard. Feathery white, 18-24 in. Blooms all season.

BRISTOL FAIRY. Large double. Grafted roots. Each, 75c; postpaid, each, 82c.

BLEEDING HEART. Blooms in May. Each, 85c, postpaid.

BOUNCING BET (Saponaria). Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

CAMPANULA. Rapunculoides. Blue Bell. 30 in. Blooms June and July.

COLUMBINE. Hybrid. Mrs. Scott Elliott hybrids in a variety of shades.

COLORADO COLUMBINE. The lovely blue columbine from the Rocky Mts.

RED COLUMBINE. The columbine of the east and north. Sometimes native in our own state. Red and yellow.

LIBERTY BELL COLUMBINE. Creamy white from Montana.

DAISY SHASTA. Blooms from June till fall. 12 to 18 in.

PAINTED DAISY. Blooms long and often. Various color shades.

GIANT DAISY. Late fall blooming. 4 ft. tall.

DIANTHUS DELTOIDES. Bright red clove pinks. Very attractive.

GAILLARDIA, BURGUNDY. A handsome dark red strain.

GAILLARDIA. Blanket Flower. 12 to 18 inch. Blooms all season.

GOLDENGLOW. Double.

HOLLYHOCK. We have a lovely selection of colors.

Single Mixed and Double Mixed.

LINARIA. Old fashioned "butter and eggs."

LYCHNIS, CHALCEDONICA. Perennial with the brightest of scarlet blossom clusters.

Pink. Similar but of a light pink color.



Hollyhock

LYTHRUM (Morden Pink and Morden Purple). See inside back cover for illustration. Lovely pink spikes in bloom nearly all summer. 3 ft. Each, 55c; dozen, \$5.50; postpaid, each, 65c; dozen, \$6.50.



Giant Daisy

SEDUM. Acre. Very small leaved, low growing, yellow flowers. Stolonifera. Pink flowers. Ground cover.

KAMTSCHATICUM. Yellow flowers.

ICELAND POPPY. This hardy early spring and summer bloomer comes in whites, yellows and orange.

POPPY MALLOW. A low-growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy-like.

STATICE. Resembles Baby's Breath. Postpaid, each, 70c.

PERENNIALS Continued

Prices, unless otherwise quoted: Each, 45c; doz., \$4.50; postpaid, each, 55c; doz., \$5.50.

All perennials and bulbs are subject to sales tax for North Dakota customers.

Tall Blazing Star



Angustifolius
Pentstemons

HARDY PENTSTEMONS

Most Outstanding Family of Prairie and Mt. Flowers

GRANDIFLORUS. 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attractiveness.

ANGUSTIFOLIUS. 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

GLABER. 12 to 20 in. tall. Smooth, glossy leaves, bright blue.

CRISTATUS. 12 in. tall, bushy, a dry soil plant. Many large lavender blossoms.

AMORPHA CANESCENS (Lead Plant). Lovely purple and gold spikes on silvery shrubs. 2 ft. high.

AMORPHA FRUTICOSA. A shrubby perennial bears many spikes of purple and gold. Ht. 3 to 4 ft. Blooms in July.

ANEMONE (Canadensis). Large waxy flowers in late June. Bright green foliage.

ANTENNARIA (Pussy's Toes). A fine ground cover.

BLUE BELL (Hair Bell). Blooms in early summer. A lovely clear blue.

BLAZING STAR (Iatris). Tall, 18 to 30 inches. Blooms in July. Long spikes, button-like blossoms, opens from bottom to top. A fine cut flower, in white, and purple. Purple spikes in July.

FLOWERING ONION—(Yellow). Graceful and pretty members of the lily family blooming in June and July.

CERASTIUM—from Alaska. A ground cover plant with myriads of white blooms.

ERIGERON (fagellaria). A thick green ground cover, set throughout the summer with pretty daisy-like blooms. Like a carpet.

FLAX. Native Blue. Graceful masses of heavenly blue flowers, renewed every morning for weeks. June to September. 18 in. tall.

GALLIUM. Meadow Sweet or bed straw. Used in bouquets.

GUMBO LILY—Cowboy Lily (White evening primrose). One of the most beautiful of the Bad Lands flowers, 4 to 6 in. high with huge white blossoms which turn pink as they age. Blooms from May through the season.

MISSOURI PRIMROSE. An evening primrose with many golden blooms, 3 inches across.

MEADOWRUE. A tall, shade loving perennial with feathery flowers in June.

MERTENSIA (Lanceolata)—**PRAIRIE BLUEBELL.** 6 to 10 in. tall. Blooms in May and early June with a cluster of bright blue bells.

RED MALLOW (Malvastrum). Known to prairie children as "wild geranium." 4 to 6 in. tall. Blooms from May to July with many scarlet flowers.

PRAIRIE PHLOX (douglasii). The creeping, hardy ground cover which becomes a mass of fragrant white stars in May.

SHOOTING STAR. An early spring flower, a bright pink spike 6 to 8 in. tall. Loves moist, shady spots.

PASQUE FLOWER—**PRAIRIE CROCUS** (*Pulsatilla patens*). The first prairie flower of spring.



Missouri Primrose

SPIDERWORT (*Tradescantia*) Red. 8 to 18 inches. Striking red purple flowers in June and July coming out fresh each morning. Grass-like foliage.

VERONICA, SPICATA. A July blooming native with spike of bright blue. Very showy. 2 ft. tall.

VERONICA INCANA. Silvery foliage. 12 to 15 in. tall. Same bright blue flowers.

STANLEYA (*Pinnata*). A very striking native from the Bad Lands. 2 to 3 ft. tall and covered with long, feathery yellow spikes in June and July.

MAXIMILIAN SUNFLOWER. The tall perennial sunflower of the valleys and meadows. Resembles Golden Glow.

THERMOPSIS. The common Yellow Sweet Pea of our western prairies. 6 to 12 in. Blooms in May.

VIOLET. White. Our best low perennial for shady spots. Blue. The lovely meadow violet.

Yellow. The NUTTALL violet of the prairie hills.

YUCCA (*Glaucia*)—**SPANISH BAYONET.** Hardest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus.

DAKOTI CACTI

OPUNTIA POLYCANTHA. With the lovely lemon to orange clusters of flowers in July. The common prickly pear.

OPUNTIA HUMIFUSA. Like the above but with heavier joints and longer white spines. Yellowish green flowers, red fruits.

OPUNTIA FRAGILIS. With slender joints and more delicate spines. Pale yellow flowers.

OPUNTIA RUTILLA. A red flowered prickly pear. Perfectly hardy.

MAMILLARIA VIVIPARA. The rose colored pin cushion cactus of the high plains.



Mertensia



Grandiflorus Pentstemon



Blue Flax



Gumbo Lily



Maximilian Sunflower



Durham

RED and BLACK RASPBERRIES

DURHAM EVERBEARING. This is a recent development of Professor Yeager's in his work at the N. H. Agricultural College. We have had it for two years and it ranks in hardiness with the other sorts which we list. Bears an early crop on last year's wood and another crop in the fall on the new wood. Each, 40c; doz., \$4.00; 100, \$20.00. Postpaid, each 50c.

RUDDY. Dr. Yeager's hardy and heaviest bearing of all raspberries. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 35c; doz., \$3.50. Postpaid, each, 45c.

CHIEF. Hardest of the Minn. Fruit Breeding Farm varieties. A fine-colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. Doz., \$1.50; 50, \$6.00. Postpaid, each, 30c.

LATHAM. An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. Doz., \$1.50; 50, \$6.00. Postpaid, each, 30c:

Mrs. Heath

SUNBEAM RASPBERRY. We have at last worked up a stock of this old and very hardy favorite from the plant laboratory of Prof. N. E. Hansen. Price: Each, 40c; doz., \$4.00. Postpaid, each, 50c.

MRS. HEATH BLACK RASPBERRY. A native collected by Mrs. Heath and perfectly hardy. A very prolific bearer and of excellent quality. Price: Each, 30c; doz., \$3.00. Postpaid, each, 45c.

SASKATOON—JUNEBERRY—SARVICE BERRY—SHAD BERRY. These are all names for the same delicious native fruit. One of our finest wild fruits which improves greatly under cultivation. Useful also as an ornamental shrub. Each, 18 to 24 in., 75c; 10, \$7.00. Postpaid, each, 90c.

NOTE: Currants and Gooseberries of all kinds will be shipped only into the states of North Dakota, South Dakota, Nebraska, Kansas, Wyoming and those parts of Montana and Minnesota not barred by Federal Quarantine. Orders from other states cannot be filled.

CURRENTS

REDLAKE. Usually considered to be best of all red currants. Perfectly hardy. Prolific and of highest quality. Each, 40c; doz., \$4.00; postpaid, each, 55c; doz., \$4.75.

NEW MINN. NO. 118 WHITE. A much better white currant than any of the older sorts. Vigorous, healthy, with large clusters. Each, 60c; doz., \$6.00; postpaid, each, 75c; doz., \$6.75.

NATIVE BLACK. Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price: 18 to 24 in., each, 45c; doz., \$4.50; postpaid, each, 60c; doz., \$5.25.

GOLDEN CurrANT. A handsome native yellow flowered ornamental. Equally valuable for its large fruit which makes excellent jam and jelly. Price: 12 to 18 in., each, 60c; 10, \$5.50. Postpaid, each, 70c.

GOOSEBERRIES

PIXWELL. One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 75c; doz., \$8.00; postpaid, each, 90c; doz., \$8.75.

DAKOTA DWARF. Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. It is the first plant to leaf out in the spring when its new vivid green leaves herald the season. Turns bronze red in fall. Each, 60c; 5 for \$2.75; postpaid, each, 75c.



Latham



Red-Lake-Currant

Pixwell



STRAWBERRIES

In spite of the great advance in parcel post rates, we are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we cannot usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.



MONTANA PROGRESSIVE. see inside cover for colored picture.

A new and improved strain of this hardy ever bearing sort. Resistant to yellows and leaf spot. Fruit of high quality and plants very prolific. Originated at the State Experiment Station, Bozeman, Montana. Combines the good quality of the old Progressive with several improvements. Price: 25, \$1.75; 50, \$2.75; 100, \$5.00.

GEM. This ever-bearing variety has been growing in favor on account of its hardiness, quality and heavy bearing so that we have decided to list it. We have not tried it for any long period as yet. Prices same as for Progressive.

Montana Progressive

DUNLAP. We have found the Dunlap to be the best all-around June-bearing variety for our climate. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning. Price: 25, \$1.40; 50, \$2.00; 100, \$3.50; 1,000, \$32.00.

CHEYENNE. Hardest and sweetest. June Bearing. Originated at the Federal Horticultural Station at Cheyenne, Wyo., by crossing native wild strawberries with cultivated varieties. Needs no winter covering. Berries are small but huge crops are produced. No. 2 is the best selection and we have dropped the others. We like No. 2 best as it is more uniform. Price, 25, \$2.20; 50, \$4.00; 100, \$7.50.

SIOUX. The new very hardy June bearing variety from the Cheyenne U. S. Horticultural Station. Larger fruit than the Cheyenne, heavy bearer and has the sweetness of its wild parent. Needs no covering. Price, Doz., \$1.35.

CHEYENNE NO. 4931 EVERBEARING. This is a new berry of the same breeding as Cheyenne and Sioux but it is a real everbearer. It has all the quality and hardiness of the other wild strawberry crosses, as well as the flavor. Price, Doz., \$1.85.



Native Wild Grape

GRAPES

NATIVE WILD (*Vitis riparia*). To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. 2 yr. plants. Each, 35c; doz., \$3.50. Postpaid, each, 50c.



Beta Grape

BLUEBELL. One of the newer Minnesota varieties. It has been perfectly hardy with us for five years. Has an outstandingly fine flavor. Each, 80c; 5 for \$3.75. Postpaid, each, 95c.

BETA. One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The hardest tame grapes so far introduced—the fruit is blue-black, of medium size, with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 40c; doz., \$4.00. Postpaid, each, 50c.

ALPHA. A sister of the Beta which very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 40c; doz., \$4.00. Postpaid, each, 50c.

N.D. No. 11. One of Dr. Yeager's productions. A very delicious white grape, about the size of Beta and perfectly hardy. Each, \$1.00. Postpaid, each, \$1.20.

EDIBLE AND USEFUL PERENNIALS

VALENTINE. Outstandingly the best rhubarb we have ever seen. A Canadian sort that rated highest in Canadian tests. Best flavor, fewest seed stalks and largest of the red sauce producers. Each, \$1.00. Postpaid, each, \$1.25.

SUNRISE. One of the two very best new Canadian sorts. Darker red than Valentine and not quite as large. Each, \$1.75. Postpaid, each, \$2.00.

McDONALD RHUBARB. Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 35c; doz., \$3.50; postpaid, each, 50c; doz., \$4.00.

CHIPMAN'S CANADA RED RHUBARB. One of the best of the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, almost seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Each, 75c; 5 for \$3.50. Postpaid, each, \$1.00.

MINT. Spearmint, the mint of mint juleps. Easily grown in every garden. Each, 25c; doz., \$2.50. Postpaid, each, 35c.

BOHEMIAN HORSERADISH. The best cultivated variety. Doz., 60c. Postpaid, doz., 75c.

ASPARAGUS—MARY WASHINGTON. F. O. B. here, doz., 50c; 50, \$1.75; 100 \$3.25. Postpaid, doz., 65c.

CHIVES (*Schnittlauch*). Grass onion. An ornamental with balls of blue blossoms—foliage very useful for flavoring. Each, 35c; doz., \$3.50. Postpaid, each, 50c.

McDonald Rhubarb



HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.



Haralson

YEAGER SWEET. This Apple, previously listed as a Crab (N. D. No. 6) has been placed after a conference with horticulturists among the real apples. It is 2 to 2½ in. in diameter. It has exactly the flavor of the old-fashioned sweet apple, flesh is of fine texture, and the apples ripen early. Its value is recognized more and more every year. 3 to 4 ft., each \$1.25; 5 for \$5.50.



Picking Dakota Apples 40 Years Ago

Can you identify these old customers of ours? We had a letter last winter giving their names but we have misplaced it.

HARALSON. A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft., each, \$1.20; 5 for \$5.50.

RED DUCHESS. This is much like the common Duchess but with a handsome red color, and of somewhat better quality. Early. 3 to 4 ft., each \$1.20; 5 for \$5.00.

MANTET. This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each, \$1.20; 5 for \$5.25.

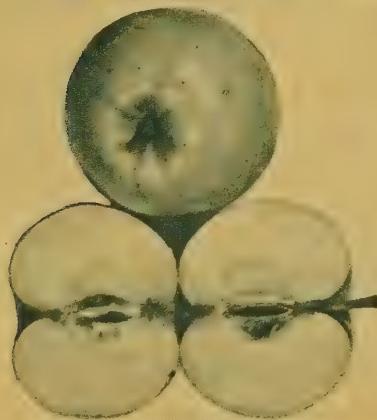
ORIOLE. Large, round fruits. Red stripes over orange yellow. Tender, juicy, with very fine flavor. A little earlier than Duchess, 3 to 4 ft., each, \$1.25.

ANOKA. The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hanson. Each, 3 to 4 ft., \$1.00; 5 for \$4.50.

ERICKSON. This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, \$1.00; 5 for \$4.50.

WEALTHY. Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, subacid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft., each, \$1.00; 5 for \$4.50.

CHARLAMOFF. A Russian sort, a little earlier than Duchess, very hardy and suited to the Northern Plains. Strong, vigorous trees. Fruit rather large, somewhat long. Color, yellow flushed with red. Very good flavor. Each, 3 to 4 ft., \$1.10; 5 for \$5.00.



Anoka



Yeager Sweet

HARDY PEARS

More Than One Pear Tree Should Be Planted To Be Sure of Fruit

PIONEER. This variety of Canadian origin is among the hardiest of the species. It is rather small but of excellent flavor. Hardy well into southern Manitoba. 3 to 4 ft., each, \$1.20.

MINNESOTA NO. 5. Another extra hardy pear. Small in size, of very good quality. Flavor may be a bit better than Pioneer. Each, 3 to 4 ft., \$1.40.



Hardy Pear

HARDY AND PROLIFIC CRAB APPLES



Red River

eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, \$1.10; 5 for \$5.00.

SIBERIAN CRAB. Perhaps the hardiest of all crabs and an annual bearer. Sturdy handsome tree. A heavy yielder of small yellow fruits. 3 to 4 ft. Each, \$1.10; 5 for \$5.00.



Golden Anniversary



Whitney

MARTHA-DOLGO. A very hardy Crab developed at the Morden Station. Combines the high quality of the Martha which is an excellent eating apple with the hardiness and beauty of the Dolgo. 3 to 4 ft. Each, \$1.25.

FLORENCE. A Minnesota variety, which has proven particularly hardy in the Great Plains. A fine handsome tree with heavy crops of beautiful, round medium sized crab apples of very good flavor. 3 to 4 ft. Each, \$1.00; 5 for \$4.75.

DOLGO. Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, \$1.10; 5 for \$5.00.

GOLDEN ANNIVERSARY. A seedling that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

WHITNEY. One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each, \$1.10; 5 for \$5.00.

PYRUS BACCATA or SIBERIAN CHERRY APPLE. Hardiest of all apples. Very valuable in shelter belts, as an ornamental, and as a food for game birds. A handsome ornamental and useful as a root stock for more tender sorts. White to pink flowers in masses. Makes good jelly. 3 to 4 ft. Each, 75c; 5 for \$3.50. 2 to 3 ft. Each, 40c; 10, \$3.75.



Whitney

ORNAMENTAL FLOWERING CRABS

These are all perfectly hardy and not even the famous Japanese Cherries of Washington, D. C., can equal them in their beauty, which persists throughout the season in fruit and foliage.

Ornamental Crabs

HOPA. Dark red flowers, fruit and foliage. From Dr. Hansen. 3 to 4 ft. Each, \$1.10.

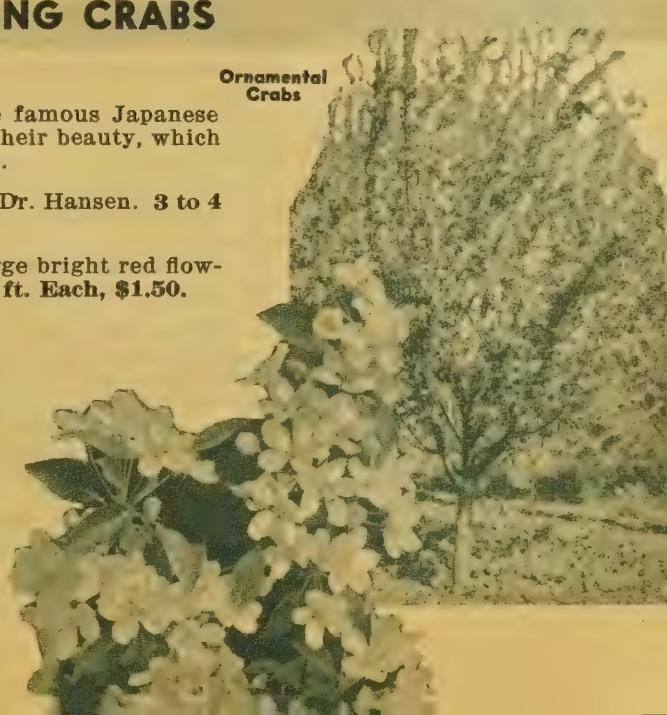
SCUGOG. A beautiful Canadian crab with very large bright red flowers and good-sized fruit with pink flesh. 3 to 4 ft. Each, \$1.50.

ALMEY. Pink flowers, reddish foliage, dark red fruits with red flesh. 3 to 4 ft. Each, \$1.75.

PINK EYE. Large flowers. White with a distinct pink center. 3 to 4 ft. Each, \$1.10.

MILLET. A seedling of Hopa with rather large fruit and good flavor, as well as all the beauty of Hopa. 3 to 4 ft. Each, \$1.10.

SUNDOG. This is one of the most attractive of the new pink and red flowered Crabs from Morden. Outstanding also for its attractive bright colored fruit. Each, 3-4 ft., \$1.25.



CHERRIES and CHERRY HYBRIDS



Chokeberry



Oka



Nanking Cherry



Black Beauty

SAND CHERRY (*Prunus besseyi*). The native bush cherry of the Great Plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. **18 to 24 in., each 70c; 5 for \$3.00; 12 to 18 in., each, 50c; 5 for \$2.25.**

WESTERN CHOKECHERRY (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. **2 to 3 ft., each, 60c; 10, \$5.50; 3 to 4 ft., each, 75c; 5 for \$3.50.**

COMPASS. The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivaled for sauce, jelly or jam. Hardy throughout the whole Northwest. **3 to 4 ft., each, \$1.20.**



Compass

OKA. Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. **3 to 4 ft., each, \$1.35; 5 for \$6.00.**



Tom Thumb

TOM THUMB. A dwarf bush cherry. Fine flavored and hardy. Developed by Dr. N. E. Hansen. **2 to 3 ft., each, \$1.35.**

BROOKS. A sand cherry selection from the Canadian Experimental Station at Brooks, Alberta. Fruit large, flavor sweet. Outstanding. **2 to 3 ft., each, \$1.50.**



Brooks

BLACK BEAUTY. Similar to Brooks, but a selection made by the late George Chipman of Winnipeg. Very hardy. **2 to 3 ft., \$1.50.**

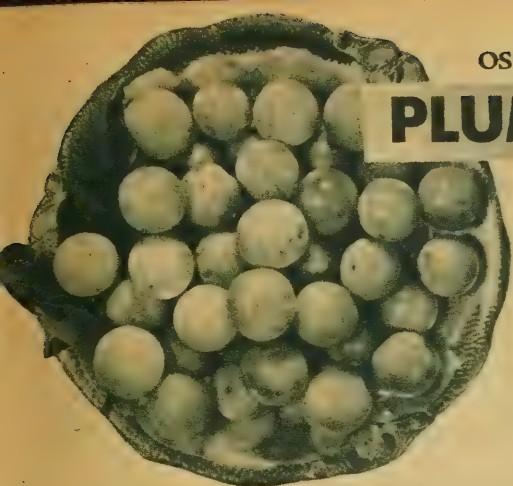
SIOUX. One of Dr. N. E. Hansen's selections. Large, of fine quality and flavor, hardy. **Each, 2 to 3 ft., \$1.35.**

NANKING CHERRY. Drilea or Orient. Makes perfect cherry jam with a delicious flavor. A beautiful ornamental. We have a limited number of these two named variety selections, picked for yield and quality of fruit. **3 to 4 ft., each, \$1.50.**

PRUNUS FRUTICOSA. A dwarf cherry from Europe and Asia. **Each, \$1.35.**

NORTH STAR PIE CHERRY. A new very hardy pie cherry from the Minnesota Fruit Breeding Farm. The first pie cherry hardy in the Northern Plains. **3 to 4 ft. Each, \$1.75.**

PLUMS and PLUM HYBRIDS



Wild Plum

Plant Several Types Together or Plant with Cherries to Insure Pollination

WILD PLUM. This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 3 to 4 ft., each 50c; 10, \$4.50; 2 to 3 ft., each 25c; 10, \$2.00.



Opata

OPATA. A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. The most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1 1/2 in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. 3 to 4 ft. Price, each, \$1.20; 5 for \$5.75.

DURA. The Dominion authorities have so named the fine P-4A-18 Sapa seedling in recognition of its long lasting qualities after it is ripe. A beautiful fruit; bears tremendous crops of large mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. 3 to 4 ft., each \$1.25.



Sapa

HEAVER. A new, high quality and very hardy Canadian Plum-Cherry hybrid. 3-4 ft., each, \$1.50.

SAPALTA. A new plum-cherry hybrid from Canada. Purple flesh, very sweet, larger than Compass and perfectly hardy. 3 to 4 ft., each, \$1.50.

RADISSON. An extra hardy drouth resistant Minnesota plum. Good form, red color. High quality. 3 to 4 ft., each, \$1.25.

GRENVILLE. A Canadian variety. Of high quality. Very hardy — very large. 3 to 4 ft., each \$1.50.



Dura



Underwood

UNDERWOOD. Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. 3 to 4 ft., each \$1.20; 5 for \$5.50.

SPLENDID. This fine plum, which we first tried at the recommendation of Mr. J. H. Gerbracht, and which he has grown for many years, is the best adapted to Western Plains conditions of any of the really high quality sorts. 3 to 4 ft., each \$1.25.

WANETA. Apparently the hardest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in mid-season. The best large plum for the Great Plains. 3 to 4 ft., each, \$1.20.



Waneta

HARDY APRICOT

MANCHURIAN. A very hardy North Asiatic apricot. Fruit about 1 inch long, stone small, flesh sweet and pleasing, parent of the hardiest named varieties and pollenizer for them, but a useful fruit in itself. 3 to 4 ft., each, \$1.50.

SCOUT APRICOT. From the Morden Exper. Sta. A really good flavored hardy Apricot. 3 to 4 ft., each \$1.90.

Fertilizers

*and Soil
Conditioners*

PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

VIGORO. The complete plant food. The finest fertilizer for lawns and gardens. Use 3 lbs. per 100 square feet. F.O.B. Bismarck: 1 lb., 15c; 5 lbs., 55c; 10 lbs., 95c; 25 lbs., \$1.85; 50 lbs., \$2.90, 2 for \$5.70; 100 lbs., \$5.60.



HYPONEX



A clean, odorless, soluble complete plant food powder for soil or water culture of plants. 1 oz. makes 6 gallons, 1 lb. for 100 gallons. Postpaid: 1 oz., 15c; 3 oz., 35c; 7 oz., 60c; 1 lb., \$1.25. F.O.B. Bismarck: 1 oz., 10c; 3 oz., 25c; 7 oz., 50c; 1 lb., \$1.00; 10-lb. drum, \$8.00.

ACP—GRO-STUF. A concentrated soluble fertilizer for both foliage and root feeding, containing 20% of each of the main required growth chemicals—nitrogen, phosphorus, potassium—plus hormones and necessary trace elements. For lawn, garden, trees, shrubs, and house plants. Postpaid, 5 oz., 60c; 1 lb., \$1.45. F.O.B. Bismarck, 5 oz., 49c; 1 lb., \$1.25; 4 lbs., \$3.75.



INSTANT VIGORO. This soluble fertilizer, which can be used for both root and leaf feeding, contains 19% Nitrogen, 28% phosphorus, and 14% potash. Suitable for lawn, garden, and other uses. Postpaid, 8 oz., 95c; 1 lb., \$1.45. F.O.B. Bismarck, 8 oz., 80c; 1 lb., \$1.25; 3 lbs., \$3.00; 25 lbs., \$13.35.



ACP SOIL CONDITIONER. A combination of the two most effective plastic soil conditioning agents with hormones and essential minerals added. Works wonders with clay and hardpan soils. Use as dust and work in for garden, or as a spray for surface treatment. Postpaid, $\frac{1}{2}$ lb., 95c; 2 $\frac{1}{2}$ lbs., \$3.10. F.O.B. Bismarck, $\frac{1}{2}$ lb., 80c; 2 $\frac{1}{2}$ lbs., \$2.80; 10 lbs., \$7.95.

PULVERIZED SHEEP MANURE. Adds both nitrogen and organic matter to the soil. For lawn and garden use. Use 5 to 10 lbs. per 100 square feet. F.O.B. Bismarck, 2 lbs., 20c; 10 lbs., 40c; 25 lbs., 60c; 100 lbs., \$1.50; 500 lbs., \$7.00.

TERRA-LITE VERMICULITE

An excellent growing medium for starting seeds and cuttings. Sterile and neutral. Can also be used as an insulating mulch and a soil conditioner for heavy garden soils. Postpaid, 4-quart bag, 55c; $\frac{1}{2}$ bu., \$1.00. F.O.B. Bismarck, 4 quarts, 35c; $\frac{1}{2}$ bu., 75c; 2 bu., \$1.65.



Ammonium Nitrate.

33-0-0

Triple Superphosphate.

0-40-0

Availability and prices are uncertain. Please write for prices.

FORD NITROGEN. 20-0-0. A concentrated nitrogenous fertilizer of ammonium sulphate formulation. Soluble in water. F.O.B. Bismarck, 10 lbs., 89c; 50 lbs., \$4.50.

VIGORO SPREADERS. The ideal way to seed lawns and apply dry fertilizers. Model BR, \$8.50, F.O.B. Bismarck.



Hozen

HOZON

A garden hose siphon attachment for applying soluble fertilizers to the lawn and garden. \$2.70, postpaid, F.O.B. Bismarck, \$2.50.

PEAT MOSS. The natural soil conditioner. Both conditions soil and adds natural organic matter to it. Excellent mulch.

Postpaid, 60 cubic inch bag, 35c; 120 cubic inches, 60c. F.O.B. Bismarck, 60 cubic inch, 19c; 120 cubic inch, 35c; 480 cubic inch, \$1.00. 8 cubic feet, \$5.50.

STEAMED BONE MEAL. A good source of organic phosphorus for garden and house plants. 3 lbs., 85c, postpaid. F.O.B. Bismarck, 3 lbs., 50c; 10 lbs., \$1.10; 100 lbs., \$10.00.

SUPERPHOSPHATE. 0-20-0. Phosphorus is the principal plant food shortage in this area of the Great Plains, and can be supplied only by the addition of phosphate fertilizers. F.O.B. Bismarck, 10 lbs., 80c; 80 lbs., \$2.50; ton, \$50.00.

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PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WEED KILLERS

HORMONES, SEED DISINFECTANTS



NEW IMPROVED WEED-ONE. A 2,4-D 2,4,5-T formulation with low drift hazard for controlling lawn weeds, poison ivy, and many other weeds without damaging the lawn. Postpaid, 8 oz., \$1.20; 1 quart \$3.00. F.O.B. Bismarck, 8 oz., \$1.00; 1 quart, \$2.75; 1 gallon, \$6.75; 5 gallons, \$24.75.

WEEDUST. 2,4-D weed killer is a ready to use dust form. 12 oz., postpaid, \$1.20. F.O.B. Bismarck, \$1.00.

WEEDONE CRABGRASS KILLER. A potassium cyanate formulation for control of crabgrass and chickweed. Postpaid, 6½ oz., \$1.20. F.O.B. Bismarck, 6½ oz., \$1.00; 26 oz., \$3.00.

ACP CRABGRASS KILLER. A combination of potassium cyanate and MCP for control of crabgrass and chickweed as well as broad-leaved lawn weeds. 6½ oz., postpaid, \$1.45. F.O.B. Bismarck, 6½ oz., \$1.25; 26 oz., \$3.75.

ACME WEED KILLER. An arsenic trioxide weed killer for killing all vegetation. A soil sterilant. 1 gallon treats 450 square feet. Postpaid, pint, 85c. F.O.B. Bismarck, pint, 65c; quart 90c; gallon, \$2.40; 5 gallons, \$9.00.

SWIFT ENDOWEED. A 2,4-D lawn weed killer. 8 oz., postpaid, \$1.20. F.O.B. Bismarck, 8 oz., 98c; 1 quart, \$2.69.



FOR FIELD SPRAYING

Prices F.O.B. Bismarck, and Subject to Change Without Notice

WEEDAR 64. 4 lbs. 2,4-D acid equivalent per gallon, amine formulation. Quart, \$3.00; gallon, \$5.18; 5 gallons, \$24.65; 30 gallons, \$140.40.

WEEDONE LV4. 4 lbs. 2,4-D acid equivalent per gallon, low volatile ester formulation. Gallon, \$6.90; 5 gallons, \$33.25; 30 gallons, \$192.00.

WEEDAR MCP. 2 lbs. MCP acid equivalent per gallon. Gallon, \$7.35; 5 gallons, \$35.50.

WEEDONE CHLORO IPC. 4 lbs. per gallon. Gallon, \$9.75; 5 gallons, \$47.50.



CRAG HERBICIDE 1 prevents weeds before they grow. A 4 oz. can should prevent weeds in a 50 by 60 foot garden for from 3 to 6 weeks. 4 oz. can, \$1.70, postpaid. F.O.B. Bismarck, 4 oz., \$1.50.

WEEDONE BRUSH KILLER 32. A combination of 2,4-D and 2,4,5-T for killing weeds and brush, and preventing re-sprouting of stumps. Quart, \$3.75; gallon, \$7.95; 5 gallons, \$37.75. Quart, postpaid, \$4.00.

TCA—ACP GRASS KILLER. Contains 90% sodium trichloroacetate. Kills quack and other grasses. 10 lb. drum, \$5.40; 50 lbs., \$23.50; 100 lbs., \$46.00.

ACP PLANT HORMONE PRODUCTS

DORMATONE. Hormone powder to prevent sprouting, softening and shriveling of potatoes and other root crops in storage. 12 oz can, postpaid, \$1.20. F.O.B. Bismarck, \$1.00.

FRUITONE. Hormone powder to stop premature drop of flowers, fruit, and leaves. Recommended for blossom set to produce earlier, larger tomatoes. 2/5 oz., 28c, postpaid; 2 oz., \$1.15. F.O.B. Bismarck, 2/5 oz., 25c; 2 oz., \$1.00.



ROOTONE. Hormone powder to stimulate formation of roots on slips or cuttings. Postpaid, ¼ oz., 28c; 2 oz., \$1.15. F.O.B. Bismarck, ¼ oz., 25c; 2 oz., \$1.00.

ROSETONE. Hormone vitamin combination especially prepared for treating bare root rose bushes in transplanting. ½ oz. package, postpaid, 28c; 2 oz., \$1.15. F.O.B. Bismarck, ½ oz., 25c; 2 oz., \$1.00.

TOMATOTONE. No longer made. We suggest the use of Fruitone.

TRANSPLANTONE. A hormone-vitamin starter for use in transplanting. Postpaid, ½ oz., 28c; 3 oz., \$1.15. F.O.B. Bismarck, ½ oz., 25c; 3 oz., \$1.00.

TRIMTONE. The new "chemical grass cutter." Slows the growth of grass along the edges of lawns, flower beds, cracks in sidewalks, etc. Postpaid, 1 oz., \$1.15; 2½ oz., \$2.15. F.O.B. Bismarck, 1 oz., \$1.00; 2½ oz., \$2.00.

SEED DISINFECTANTS

ARASAN. Protects corn, grasses, legumes, cane, and many vegetables from seed decay and seedling damping off. Postpaid, ¾ oz., 28c; 8 oz., \$1.20. F.O.B. Bismarck, ¾ oz., 25c; 8 oz., \$1.00; 2 lbs., \$3.20; 10 lbs., \$11.50.

ARASAN SF-X. The new dustless version of Arasan for use in both dry and slurry treaters. 5½ oz., \$1.15, postpaid. F.O.B. Bismarck, 5½ oz., \$1.00; 25 lbs., \$45.00.

CERESAN M. The standard seed protectant for seed grains and flax. For use in either dry or slurry treaters. Postpaid, 14 oz., \$1.45; 3 lbs., \$3.90. F.O.B. Bismarck, 14 oz., \$1.25; 3 lbs., \$3.55; 40 lbs., \$35.85.

SEMESAN. For vegetable and flower seeds and bulbs. Postpaid, 4 oz., \$1.15; 12 oz., \$3.00. F.O.B. Bismarck, 4 oz., \$1.00; 12 oz., \$2.85.

SEMESAN BEL. For dip treatment of potatoes and sweet potatoes. 2 oz., 53c, postpaid. F.O.B. Bismarck, 2 oz., 50c; 1 lb., \$2.30; 4 lbs., \$7.50.

I & D SEED PROTECTANT. Contains Arasan SF-X and Lindane to protect from both disease and soil insects. For use in dust or slurry treaters. 7 oz., \$2.15, postpaid. F.O.B. Bismarck, 7 oz., \$2.00; 21 lbs., \$68.75.



PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Prices F.O.B. Bismarck

Hudson sprayers and dusters.

Write for prices on larger and power models.

Clipper 1½ gallon.....	\$ 6.88
Bugwiser 2½ gallon.....	7.36
Leader 3½ gallon.....	9.60
Favorite 1½ gallon.....	10.35
Perfection 4 gallon.....	14.00
Capital 2 spray, 3 quart compression.....	3.75
Cardinal 3 quart continuous.....	2.40
Mercury 2 spray quart continuous.....	1.60
Comet quart continuous.....	1.20
Misty quart intermittent.....	.77
Vapor pint intermittent.....	.46
Bantam 5 oz. intermittent.....	.30
Dusquik Duster. Bellows type, 2 lb. capacity.....	8.95
Adjutant Duster. ¼ lb. capacity.....	1.24
Cadet Duster. Small and handy, ¼ lb. capacity.....	.73
ACP Weedone Applicator. A plastic sprinkler, fits any screw top gallon jug.....	.59

BOLENS POWER EQUIPMENT



Prices F.O.B. Port Washington, Wisconsin.

GARDEN TRACTORS

1.6 hp Handi-Ho.....	\$123.00
2.5 hp Super Handi-Ho.....	149.00
2.5 hp Power-Ho DeLuxe.....	194.00
2.5 hp Power-Ho Versa.....	
Matic Drive and Reverse.....	219.00
3.6 hp Power-Ho Versa-Matic.....	259.00
4.3 hp Gardener.....	332.00-340.00
6.0 hp Ridemaster.....	515.00-595.00

ROTARY MOWERS

20" Self Propelled.....	\$164.50
20" Side Trimming.....	124.50
21" Front Trimming.....	109.50
Grand-A-Leaf Attachment.....	7.95



REEL TYPE MOWERS

18" Special (illustrated).....	\$ 92.50
18" DeLuxe.....	112.50
21" DeLuxe.....	127.50



CHAIN SAWS

14" Guide Bar and Chain.....	\$229.50
16" Guide Bar and Chain.....	235.00
20" Guide Bar and Chain.....	239.00
16" Bow Saw.....	292.50

Also 26" and 30" Chain Saws.

For more detailed information and prices of accessories, please write, specifying model you are interested in.



PARKER ALL-IN-ONE LAWN AND HEDGE TRIMMER

An exceptionally light weight, versatile trimmer for use on lawn or hedge. Works on same principle as a rotary mower. We use it ourselves and like it. More versatile than trimmers costing twice as much. F.O.B. Bismarck only \$15.95.

LITTLE GIANT LAWN SPRAY

A wonderful little sprinkler. Effectively covers a 35 foot area with even spread of water. Non-rusting aluminum with unique spike base. \$1.69 F.O.B. Bismarck.

GARDEN SEEDERS AND CULTIVATORS

Prices F.O.B. Bismarck

Planet Jr. No. 4 hill and drill seeder, wheel hoe, cultivator, plow.....	\$22.95
Planet Jr. No. 12 combination double and single wheel hoe.....	19.50
Planet Jr. No. 25. Best combination seeder and cultivator for heavy use.....	36.95

FRISKIES DOG FOOD—MEALS OR CUBES

F.O.B. Bismarck

50 lbs.....	10 lbs.....	\$1.40
25 lbs.....	5 lbs.....	.80
2 lbs.....	.35	

Pioneer Manamar Feeds—write for prices. Pioneer Manamash. All purpose quality mash for growing and laying. 18% protein. Pioneer Super Manamash. Especially good for fattening, good also for growing. Pioneer Scratch Feed. Whole grain hen scratch. Pioneer Chick Scratch. Pilot Brand Oyster Shells. 80/lbs., \$1.35.

SEED CLEANERS

The famous Clipper 2-B Special with bagging elevator and 12 screens, only \$122.50, F.O.B. Bismarck.



Holland Wild Oats Separator. A flannel type wild oats machine. No. 1, \$105.00; No. 2, \$135.00, F.O.B. Bismarck.

TOOLS



Ideal Hand Weeder. The tried and true hand garden weeder. Postpaid 45¢.

Cyclone Seeder. An old favorite and still the best of the hand broadcasting seeders. For grain, grass, clover, onions, and rutabagas. Post paid, \$5.00; F.O.B. Bismarck, \$4.40.

Gardex Tools. Prices F.O.B. Bismarck
Dibble \$.85
Trowel50
Culti-Tweezer35

Culti-Tweezer

INSECTICIDES

Prices Subject to change without notice, and F.O.B. Bismarck unless otherwise noted. All items available. Ask for prices on larger lots. North Dakotans must pay 2% sales tax.

WHAT TO USE FOR

INSECTS.

Ants. Chlordane
Aphids. Lindane, All Around spray or dust, Emone-Nik, Rose and Floral Dust
Blister Beetles. DDT or Chlordane
Caterpillars and Cabbage Worms. Garden Guard, Endopest
Cattle Flies and Moths. Duradust No. 50
Corn Borers. DDT
Corn Ear Worms. DDT
Cutworms, Chlordane, Lindane
Flies. Lindane, Malathion
Flea Beetles. Garden Guard, DDT
Grasshoppers. Duradust No. 50, Chlordane
Leafhoppers. Garden Guard, Lime Sulphur, DDT
Maggots. Chlordane, Lindane
Mealy Bugs. Lindane
Mites. Dimite, Emo-Nik, Malathion, Rose and Floral Dust
Potato Bugs. Red River Potato Mix
Red Spider. Dimite, Malathion, Emo-Nik, Rose and Floral Dust
Scale. Lime Sulphur
Slugs. Chlordane
Thrips. DDT
Wireworms, Chlordane, Lindane

BLIGHT AND FUNGUS DISEASES

Rose and Floral Dust, All Around dust or spray, Lime Sulphur, Wettable Dusting Sulphur, Red River Potato Mix, Tomato Dust.

SEED BORNE DISEASES OF

Corn. Arasan, Arasan SF-X
Garden and Flower Seeds. Semesan, Arasan
Potatoes. Semesan Bel
Grains. Ceresan M
Grasses and Legumes. Arasan, Arasan SF-X
Sorghums and Millets. Arasan, Arasan SF-X

BIRD AND RODENT PESTS

Crows. Crotox
Dogs. Dogzix
Gophers. Will's Gopher Poison, Warfarin
Mice. Warfarin
Moles. Warfarin
Rabbits. No Nib'l
Rats. Warfarin

Insecticide Prices on Opposite Page



ACME ALL AROUND BOMB. A new formulation for control of many pests. Suitable for houseplants, including African Violets, as well as the garden.
10 oz. size, \$1.70, postpaid. F.O.B. Bismarck, \$1.50.

ACME DIMITE. One of the best mite controls. Residual effect lasts for weeks. For mites and red spider only, will not kill most true insects. 2 oz. bottle makes 12 gallons of spray. Postpaid, 2 oz., 80c. F.O.B. Bismarck, 2 oz., 69c; 8 oz., \$1.89.

ACME ALL AROUND DUST. A handy pump gun containing insecticides and fungicides for control of diseases and pests of the garden. 8 oz. gun, \$1.00, postpaid. 80c F.O.B. Bismarck.

NNOR. A rotenone garden spray for aphids, plus the same range of kill as Garden Guard. 6 oz., postpaid, \$1.16. F.O.B. Bismarck, 6 oz., \$1.00; pint, \$2.15.

ACME ROTENONE GARDEN GUARD. The old favorite non-poisonous garden dust for squash bugs, cabbage worms, cucumber beetles, and other common garden pests. Postpaid, 1 lb., 70c. F.O.B. Bismarck, 1 lb., 50c; 4 lbs., \$1.25.



ACME LIME SULPHUR. A dependable dormant insecticide and fungicide, a rabbit repellent when painted on young trees. Postpaid, 1 lb., 87c. F.O.B. Bismarck, 1 lb., 67c; 5 lbs., \$2.75.

ACME PARIS GREEN. The old standby again in demand. A strong, highly poisonous insecticide that kills most biting and chewing insects. Postpaid, $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00. F.O.B. Bismarck, $\frac{1}{4}$ lb., 30c; 1 lb., 80c.

ACME EMO-NIK. An oil base nicotine sulphate spray for red spider, mildew, mealy bug, aphid, scale, and others. $\frac{1}{2}$ oz., 60c, postpaid. F.O.B. Bismarck, $\frac{1}{2}$ oz., 45c; pint, 90c; quart, \$1.40.

ACME TOMATO DUST. For insect and fungus pests. Postpaid, 1 lb., 80c. F.O.B. Bismarck, 60c.



BONIDE NEUDUST. 5% DDT dust for thrips in gladiolus, potato bugs, flea beetles, corn ear worms and borers. 1 lb., postpaid, 70c. F.O.B. Bismarck, 1 lb., 50c; 5 lbs., \$1.35.

BONIDE CROTOX CROW REPELLANT. The most effective of crow repellants, it also repels other birds, and rodents from treated seed. $\frac{1}{2}$ pint treats 1 bushel of seed. Postpaid, $\frac{1}{2}$ pint, 80c. F.O.B. Bismarck, $\frac{1}{2}$ pint, 60c; 1 pint, \$1.00.

BONIDE DOGZIX DOG REPELLENT. Keeps dogs away from evergreens. 3 oz., postpaid, 68c. F.O.B. Bismarck, 3 oz., 50c; 6 oz., 75c; pint, \$1.25.

GOOD-RITE NO NIB'L RABBIT REPELLENT. Non-injurious to birds and animals. Repels rabbits from trees, shrubs, and the garden. 6 oz., postpaid, \$1.35. F.O.B. Bismarck, \$1.20.

WILL'S GOPHER POISON. Poisoned oats for an all around rodent poison. F.O.B. Bismarck, 8 lb. bag, \$1.00; 16 lb. bag, \$1.90; 32 lbs., \$3.60.

SWIFT ENDOPEST. An all around insecticide in gun form. Postpaid, 8 oz. gun, \$1.00; refill cartridge for gun, 85c. F.O.B. Bismarck, gun, 85c; refill, 65c.

HAMMOND TREE WOUND PAINT. For all tree wounds. Postpaid, $\frac{1}{2}$ pint, \$1.00; 1 pint, \$1.75. F.O.B. Bismarck, $\frac{1}{2}$ pint, 80c; 1 pint, \$1.50; 1 quart, \$2.25; gallon, \$6.95.



ACME ALL AROUND SPRAY. A multi-purpose product to give the greatest all around protection in one application against fungus and insect pests on roses and other plants. Good for tomato blight. 1 lb., postpaid, \$1.30. F.O.B. Bismarck, \$1.10.

ACME BORDEAUX MIXTURE. Controls scab, rust, rot, blight, mildew, and other fungus diseases. 1 lb., postpaid, 73c. F.O.B. Bismarck, 53c; 4 lbs., \$1.45.

ACME DURADUST NO. 50. 50% wettable DDT for garden, orchard, and field crops, and livestock spraying. Postpaid, 1 lb., 95c. F.O.B. Bismarck, 1 lb., 75c. Also available in 4 lb. and 50 lb. bags. Write for prices.

ACME 6% CHLORDANE DUST. Controls the harder to kill insects such as ants, grasshoppers, wire and cut worms, many beetles, and spiders. Postpaid, 1 lb., 80c. F.O.B. Bismarck, 1 lb., 60c; 4 lbs., \$1.50.

ACME 50% MALATHION SPRAY. The new, well-publicized, relatively safe phosphate spray that is sure death to mites and flies. Follow instructions on package carefully. Postpaid, 1 oz., 80c; 4 oz., \$1.40. F.O.B. Bismarck, 1 oz., 50c; 4 oz., \$1.25; pint, \$3.00, quart, \$5.25.

ACME 5% LINDANE SPRAY. Kills insects three ways; by contact, internally, and fumes. Especially good for aphids, flies, and many household insects. Postpaid, 4 oz., 90c. F.O.B. Bismarck, 4 oz., 75c; pint, \$2.40.



ACME RED RIVER POTATO MIX. Controls many potato insects and blights. Postpaid, 1 lb., \$1.05. F.O.B. Bismarck, 1 lb., 85c; 4 lbs., \$2.75.

ACME WETTABLE DUSTING SULPHUR. Controls many mildews and blights as well as thrips, red spider, and mites. 2 lb. carton, postpaid, \$1.00. F.O.B. Bismarck, 60c.



ACM ROSE AND FLORAL DUST. An aphicide, miticide, insecticide, and fungicide complete in one product. Can be used as a dust or spray. One of the best all around plant protectors. Postpaid, 8 oz. dust gun, \$1.16; 1 lb., \$1.69. F.O.B. Bismarck, 8 oz. dust gun, \$1.00; 1 lb., \$1.49; 3 lbs., \$3.59.



ACM FRUIT TREE SPRAY. An insecticide and fungicide for apples, pears, peaches, plums, prunes, cherries, and strawberries. Do not use on grapes and raspberries. 12 oz. can, postpaid, \$1.20. F.O.B. Bismarck, \$1.00.



BLACK LEAF 11-36 AEROSOL. A standard aerosol formulation for flies, mosquitoes, moths, roaches, silverfish, and others. Convenient and safe for normal use. 12 oz., postpaid, \$1.29. F.O.B. Bismarck, \$1.09.

BLACK LEAF PYRENONE AEROSOL. A new formula aerosol, entirely safe. Non-poisonous, non-inflammable, easy to use, safe handling. 12 oz., postpaid, \$1.69. F.O.B. Bismarck, \$1.49.

BLACK LEAF 45% CHLORDANE SPRAY. Strong chlordane for spray use. 1 oz., postpaid, 50c. F.O.B. Bismarck, 1 oz., 39c; 5 oz., \$1.19.

BLACK LEAF WARFARIN BAIT. The now standard rodenticide for rats, mice, pocket gophers, moles. Postpaid, 1 lb., 99c. F.O.B. Bismarck, 1 lb., 79c; 5 lbs., \$2.98.

BLACK LEAF WARFARIN CONCENTRATE. Similar to the above, but must be mixed with grain to make bait. More economical to use, but less convenient than the prepared bait. Postpaid, 4/5 oz., 60c; $\frac{1}{4}$ lb., \$1.80; $\frac{1}{2}$ lb., \$3.14. F.O.B. Bismarck, 4/5 oz., 49c; $\frac{1}{4}$ lb., \$1.69; $\frac{1}{2}$ lb., \$2.98; 1 lb., \$4.98.

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Brome Grass	52	Fungicides	79	Nursery Stock	58-75	Stanleya	69
Brussels Sprouts	17					Statice	68
Buckthorn	64					Stocks	10
Buckwheat	53	Gaillardia	7, 68			Strawberries	1, 71
Buffalo Currant	61	Garden Tools	78	Oak	58	Sudan Grass	54
Buffalo Grass	51	Garden Tractor	78	Oats	53	Sugar Beet	18
Buffalo or Bull Berry	61	Garlic	35	Okra	17	Sumac	62
Burr Oak	58	Geranium	7, 56	Onion Plants	36	Sunflower	10, 69
Butternut	58	Gladiolus	55	Onion Seed	36, 37	Superphosphate	76
Cabbage	20, 21	Golden Glow	68	Onion Sets	35	Sweet Clover	52
Cabbage, Chinese	21	Gooseberries	70	Oyster Plant	42	Sweet Corn	1, 24, 25
Cabbage Plants	57	Gourds	7	Pansies	9, 56	Sweet Peas	1, 12
Cactus	69	Grapes	64, 71	Paper Flower Pots	21	Sweet Potatoes	57
Calendula	5	Grass Seed	51, 52	Parsley	33	Sweet Sultan	5
Calliopsis	5	Greenhouse Dept.	55	Parsnips	31	Sweet William	11
Campanula	5, 68	Ground Cherry	46, 57	Passque Flower	69	Swiss Chard	19
Candytuft	5	Gumbo Lily	69	Pasture Mixture	52		
Cane	54	Gypsophila	7, 68	Peanuts	42		
Canna	57			Pears	72		
Caragana	58, 61, 64	Halimodendron	62	Peas, Field	53		
Caraway	28	Hand Weeder	78	Peat Moss	76		
Carnation	5	Harbin Elm	64	Pentstemon	69		
Carrots	22, 23	Hawthorn	61	Peonies	67		
Castor Beans	9	Hazelnut	58	Peppers	30, 57		
Catnip	28	Hedge Plants	64	Perennials	67, 68, 69		
Cauliflower	23, 57	Helianthus	10, 54, 69	Petunias	9, 56		
Cedar	59, 64	Helichrysum	7	Philadelphus	62		
Celeriac	18	Heliotrope	7	Phlox	9, 66, 69	Vegetable Plants	57
Celery	18, 57	Herbaceous	68	Pieplant	33, 71	Verbena	11
Celosia	5	Herbs	28	Pine	59	Vermiculite	76
Centaurea	5	Hollyhock	7, 68, 78	Plant Bands	21	Vigoro	76
Cerastium	69	Honeysuckle	61	Plant Food	76	Vine, Vines	56
Ceresan, etc.	77	Hop Vine, Native	64	Planting Table	13	Vines	56, 64
Chard, Swiss	19	Horse Chestnut	58	Plums and Plum		Violets	69
Cherries and Cherry Hybrids	74	Horseradish	71	Hybrids	58, 75	Virginia Creeper	64
Chinese Woolflower	5	Hose Sprinklers	30	Pop Corn	27	Vitabands	21
Chives	17, 71	Hot Kaps	16	Poplar	60		
Chokecherry	74	House Plants	56	Poppies	10, 68		
Chrysanthemum	5, 66	Hybrid Corn	3, 47	Portulaca	10		
Citron	34	Hulled Millet	1	Postal Rates	2		
Clarkia	6			Potato Eyes	54		
Cleaners	78	Ice Plant	7	Potatoes	54		
Clematis	64	Inoculant	52	Prairie Rose	65		
Clover	52	Insecticides	79	Primrose	69		
Cobaea	5	Ipomoea	8	Prunsepia	62, 64		
Columbine	6, 68	Iris	67	Prunus Japonica	62		
Convolvulus	8	Ivy	56	Prunus Triloba	62		
Coreopsis	6			Pumpkins	1, 31		
Corn, Field	3, 47, 48, 49, 50	Juneberry	70				
Corn, Pop	27	Juniper	59	Radishes	40, 41		
Corn, Sweet	24, 25			Rape	54		
Cornflower	5			Raspberries	70		
Cosmos	6			Reed Canary Grass	52		
Cotoneaster	64	Kale	17				
Cottonwood	58, 60	Kohl-rabi	17				
Crab Apples	73						

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11 packets of annual flower seed

A \$1.75 value all for only \$1.00



Royal Carpet Alyssum

1953 All America Award Winner
packet 20c

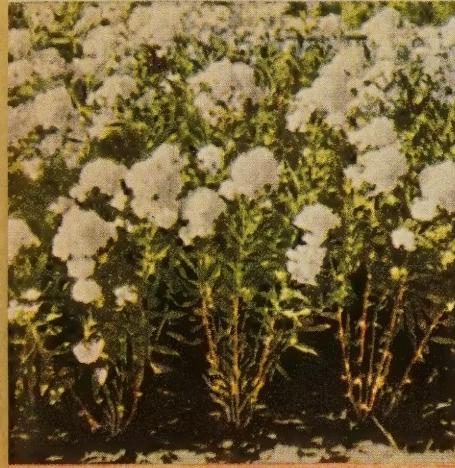
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Double Blue Bachelor
Button

Rose Flowered Balsam
Double Mixed Clarkia
Fiesta Cosmos
Guinea Gold Marigold
Spry Hybrids Marigold
Golden Gleam
Nasturtium
Fire Chief Petunia
Persian Carpet Zinnia
Blaze Zinnia—
The only 1954 All America Winner

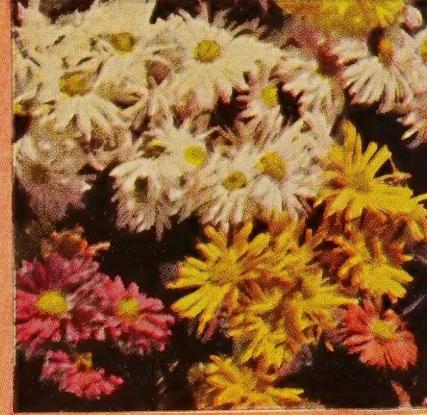


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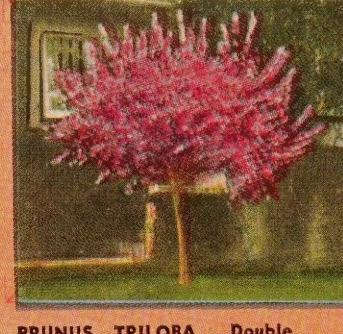
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Planned for a garden 25x100 feet in 25-foot rows, with cultural leaflet included. Amount, variety, space required, distance rows apart, and prices are shown in the following:

$\frac{1}{4}$ lb. Beans, Pencil Pod Black Wax; 1 row, 2 ft.	\$0.19	1 pkt. Lettuce, Slobolt; 1 row, 1 ft.	.15
$\frac{1}{4}$ lb. Beans, Tendergreen; 1 row, 2 ft.	.19	2 pkts. Onion, Early Yellow Globe; 2 rows, 18 inches	.20
1 oz. Beet, Detroit Dark Red; 3 rows, 18 inches	.20	1 pkt. Parsnips, Improved Guernsey; 1 row, 18 inches	.10
1 pkt. Cabbage, Copenhagen Market; 3 rows, 2 ft.	.15	$\frac{1}{4}$ lb. Peas, Little Marvel; 1 row, 18 inches	.17
1 pkt. Carrots, Coreless; 1 row, 18 inches	.10	$\frac{1}{4}$ lb. Peas, Lincoln; 1 row, 2 ft.	.17
1 pkt. Carrots, Imperator; 1 row, 18 inches	.10	1 oz. Radish, Saxa (from Transplanted Roots); 2 rows, 1 ft.	.30
1 pkt. Sweet Corn, Orchard Baby; 2 rows, 3 ft.	.10	1 pkt. Squash, Buttercup; 1 row, 5 ft.	.10
$\frac{1}{4}$ lb. Sweet Corn, Earligold Hybrid; 8 rows, 3 ft.	.22	1 pkt. Swiss Chard, Lucullus; 1 row, 18 inches	.10
$\frac{1}{4}$ lb. Sweet Corn, Golden Cross Hybrid; 8 rows, 3 ft.	.19	1 pkt. Tomato, Cavalier; 3 rows, 4 ft.	.20
1 pkt. Cucumber, Straight Eight; 1 row, 5 ft.	.10		

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